



# CHOOSE CHIMIVER, TOGETHER FOR A SUSTAINABLE FUTURE

Chemical industry is nowadays leading the challenge towards the "suatainable" and "green" development.

For that reason, in full respect of nature, environment and future generations, today is essential and necessary "producing what you sell and not selling what you produce"; that is "vision"...



We create products to be used under and on the floor...



...for any type of floors



# CHIMIVER COMMITMENT TOWARDS THE ENVIRONMENT

# THE RECIPE FOR A SUSTAINABLE ECONOMY



# INNOVATION

WE RESEARCH AND DEVELOP ECOLOGICAL, ECO-SUSTAINABLE AND CERTIFIED PRODUCTS



# **ECO-SUSTAINABILITY**

WE USE RECYCLED PACKAGING FOR REDUCING THE ENVIRONMENTAL IMPACT



# **ECOLOGY**

WE CHOOSE RENEWABLE RAW
MATERIALS FROM NATURAL RESOURCES



# COMMITMENT

WE COOPERATE WITH SELECTED AND RELIABLE LOCAL SUPPLIERS



# **PROTECTION**

WE PROTECT ALL PERSONS FROM THE APPLICATOR TO THE END USER KEEPING THE ENVIRONMENT MORE SAFE AND MORE LIVABLE



# **ATTENTION**

WE COMMIT US TO RUN ECO-FRIENDLY STRATEGIES FOLLOWING ENVIRONTMENTALLY FRIENDLY PRODUCTION PROCESSES



# MADE IN ITALY

**WE KEEP PUSHING THE HIGH REPUTATION**OF THE ITALIAN INDUSTRY IN THE GLOBAL
MARKET ECONOMY



# OUR PLASTIC PACKAGING ARE "ECOSUSTAINABLE" CERTIFIED



# 90% RECYCLED PLASTIC Coplastica



\*25% of the packaging used by Chimiver are made of metal, when the chemical composition of the product allows their use.

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# **GLUING THE WOODEN FLOOR**

- EPOXY-PU, PU AND ALCOHOL ADHESIVES
- MS-TECHNOLOGY ADHESIVES
- SINGLE-COMPONENT WATER DISPERSION ADHESIVES
- COMPLEMENTARY ADHESIVES



# **PARQUET - GLUING THE WOODEN FLOOR**

# **EPOXY-PU, PU AND ALCOHOL ADHESIVES**



#### SIGOL (A+B)

#### **EP-Base**





plastica

Two-component epoxy-PU adhesive to be used for gluing any type of wooden floor onto concrete subfloors, waterproof concrete and, with previous suitable treatment, onto notabsorbent preexisting floorings (ceramics, tiles, marble, palladian, gres, ect.). Suitable for gluing onto heating and cooling system.

Mixture ratio: 9:1

Application temperature: +10°C ÷ + 25°C Application: Notched trowel n° 5 Pot-life (useful life of the A+B mix): 2 h

Hardening: 36 - 48 h Coverage g/m<sup>2</sup>: 1300 - 1900 Colour: Oak - Walnut (component B)

Stability: 1 year

Tool cleaning: Diluente ACETONE

Diluente DMC 50 (before the hardening of the adhesive)

		600	€
Kg 11,25+1,25	-	Kg 600	6,50/kg



#### ADESIVER 501 EP (A+B)

#### EP-Pro

Two-component epoxy-PU adhesive to be used for gluing any type of wooden floor onto concrete subfloors, waterproof concrete and, with previous suitable treatment, onto notabsorbent preexisting floorings (ceramics, tiles, marble, palladian, gres, ect.). Suitable for gluing onto heating and cooling system.

Mixture ratio: 9:1

Application temperature: +10°C ÷ + 25°C Application: Notched trowel n° 5 Pot-life (useful life of the A+B mix): 2 h

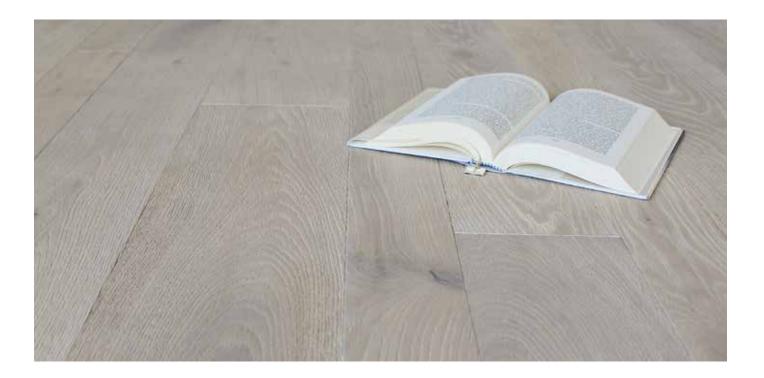
Hardening: 36 - 48 h Coverage g/m<sup>2</sup>: 1200 - 1800 Colour: Oak - Walnut (component B)

Stability: 1 year

Tool cleaning: Diluente ACETONE

Diluente DMC 50 (before the hardening of the adhesive)











# **ADESIVER HERCULES (A+B)**

#### **EP-Top**







Odorless two-component adhesive for wooden floors with a very low sensitization level, fireretardant, free of solvents, water and isocyanic resins. It has outstanding traction resistance, workability and coverage. Also suitable for gluing wooden floor onto underfloor heating and cooling system.

Mixture ratio: 9:1

Application temperature:  $+10^{\circ}\text{C} \div + 25^{\circ}\text{C}$ **Application:** Notched trowel n° 5 Pot-life (useful life of the A+B mix): 2 h

Hardening: 48 - 72 h Coverage g/m<sup>2</sup>: 1000 - 1600 Colour: Oak - Walnut (component A) Stability: 1 year

Tool cleaning: Diluente ACETONE

Diluente DMC 50 (before the hardening of the adhesive)







#### THE NAUTICAL VARIANT IS AVAILABLE ON REQUEST **IMO-MED** AND **EC1 PLUS** CERTIFIED

#### ADESIVER 327 PU (A+B)

#### **Polyurethane**

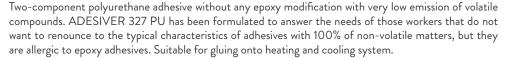














Application temperature: +10°C ÷ + 25°C Application: Notched trowel n° 5

Pot-life (useful life of the A+B mix): 50 - 60 mins

Hardening: 36 - 48 h Coverage g/m<sup>2</sup>: 1200 - 1800 Colour: Oak - Walnut (component A)

Stability: 1 year

Thinning (if necessary): Diluente DMC 50 Tool cleaning: Diluente DMC 50











# **PARQUET - GLUING THE WOODEN FLOOR**

#### **MS-TECHNOLOGY ADHESIVES**





#### Pro











Single-component hydro-curing prepolymer based adhesive with a silanic termination (MS technology). Recommended for gluing of pre-finished wooden floor onto marble, grit, ceramic or marble-chip floor tiles, etc. Very good acoustic insulation characteristics. Also suitable for gluing wooden floor onto underfloor heating and cooling system.

Mixture ratio: Single-component Application temperature: +10°C ÷ + 25°C Application: Notched trowel n° 5

Open time: 1 h Hardening: 36 - 48 h Coverage g/m²: 800 - 1400

Colour: Oak Stability: 12 months

Tool cleaning: Diluente ACETONE

Diluente DMC 50 (before the hardening of the adhesive)

E Kg 15 - Kg 720 9,90/kg

\* Sausage 4200 ml (7,5 Kg) 2 Nr. 60 78,00/pz.

Sausage 1000 ml 15 Nr. 540 20,00/pz.

Sausage 600 ml 20 Nr. 1000 13,60/pz.



\* PISTOLA PXP 90-200 BOSCH Sausage 4200 ml (7,5 Kg)



#### **UNISIL**

#### Top



etc. Also suitable for gluing wooden floor onto underfloor heating and cooling system.

Single-component hydro-curing prepolymer based adhesive with a silanic termination (MS technology). Recommended for gluing pre-finished wooden floor onto marble, grit, tiles, ceramic or marble-chip floor,

















Open time: 1 h Hardening: 36 - 48 h Coverage g/m²: 700 - 1200

Colour: Oak Stability: 12 months

Tool cleaning: Diluente ACETONE

Diluente DMC 50 (before the hardening of the adhesive)

		<del></del>	€
Kg 15	-	Kg 720	12,50/kg





#### **PARKETTKOLL**

#### Strong grip



Single-component vinyl adhesive formulated with resins in water dispersion for laying of high thickness solid wooden floors. In many situations PARKETTKOLL can take the place of a two-component adhesive. Its special feature is the very low content of water, which makes it ideal for firm sticking, without the usual defect of lateral "push".

Application temperature: +10°C ÷ +25°C Application: Notched trowel n° 5 Maximum open time: 25 mins Hardening: 3 - 4 days

Coverage  $g/m^2$ : 900 - 1300 depending on the subfloor

Colour: Oak

Storage stability: 1 year

Tool cleaning: Water (before the hardening of the adhesive)

	$\Box$	<del></del>	€
Kg 20	-	Kg 880	5,00/kg
Kg 10	-	Kg 550	5,30/kg



#### **PARKETTKOLL FLOT D/3**

#### Floating and laminated

Single-component adhesive in D3 class suitable for gluing between tongue and groove of pre-finished floating wooden floors or laminated floating floors. The adhesive meets the D3 class according to DIN EN 204.

Application temperature:  $\pm 10^{\circ}\text{C} \div \pm 25^{\circ}\text{C}$ Application: Bottle with pouring up Maximum open time: 10 mins

Hardening: 4 h

Coverage g/m²: 30 - 40 g/linear m

Colour: White (transparent with hardened product)

Stability: 1 year
Tool cleaning: Water

Ô		<del></del>	€
Kg 0,5	12	Nr. 900	10,40/pcs



	✓ = RECOMMENDED X = NOT RECOMMENDED							O = POSSIBLE						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
SIGOL	<b>✓</b>	1	/	/	/	1	/	1	/	1	/	1	<b>✓</b>	/
ADESIVER 501 EP	1	/	1	/	1	/	1	/	1	<b>✓</b>	/	<b>✓</b>	✓	/
ADESIVER HERCULES	1	/	1	/	1	/	/	<b>✓</b>	/	1	/	/	<b>√</b>	1
ADESIVER 327 PU	1	/	1	/	1	/	1	<b>✓</b>	1	<b>✓</b>	/	<b>✓</b>	0	0
ADESIVER ELASTIC	1	1	1	/	1	/	1	<b>✓</b>	/	1	/	<b>✓</b>	<b>√</b>	1
UNISIL	1	/	1	/	1	/	1	<b>✓</b>	1	<b>✓</b>	/	<b>✓</b>	<b>√</b>	1
PARKETTKOLL	✓	1	/	/	/	/	/	1	Х	X	/	/	X	X

- 1 "Stable" woods, small format (250x50x10), on cement/anhydrite subfloor.
  - 2 "Stable" woods, small format (250x50x10), on heated subfloors.
- 3 "Stable" woods, large format (300/400x60/70x14/15) on cement/anhydrite subfloor.
- 4 "Stable" woods, large format (300/400x60/70x14/15) on heated subfloors.
- 5 "Less stable" woods, small format (250x50x10), on cement/anhydrite.
- 6 "Less stable" woods, small format (250x50x10), on heated subfloors.
- 7 "Less stable" woods, large format (300/400x60/70x14/15) on cement/anhydrite subfloor.
  - 8 "Less stable" woods, large format (300/400x60/70x14/15) on heated subfloors.
- 9 Prevarnished planks on cement/anhydrite subfloor.
- 10 Prevarnished planks on heated subfloors.
- 11 Prevarnished and supported planks on cement/anhydrite subfloor.
- 12 Prevarnished and supported planks on heated subfloors.
- 13 All wood types and formats on not-absorbent subfloors (marble, ceramic, gres)
- 14 Prevarnished and supported planks on not-absorbent subfloors (marble, ceramic, gres).

N.B.: Large format woods or planks, during the gluing it is advisible to put static weights on floor to improve the adhesion preventing any movements.

#### STABLE WOODS:

OAK • IROKO • DOUSSIÉ • MERBAU • TEAK

#### **LESS STABLE WOODS:**

OLIVE • NATIONAL WALNUT • SUCUPIRA • CUMARÙ

JATOBÀ · HEAT-TREATED BEECH · CHERRY · IPÈ LAPACHO · MAPLE

WENGÈ • MUKUKU • CABREUVA • PADOUK • MUTENYE

N.B.: follow strictly the indications reported on the technical data sheet before the use of the adhesives.



#### **COMPLEMENTARY ADHESIVES**



#### **ADESIVER RPM**

#### Replenishment

Self-expanding single-component adhesive for quick repairs. Characterized by high tenacity, hardness and high adhesion power.

Mixture ratio: Single-component

Application temperature: +10°C ÷ + 25°C

Application: Sirynge Hardening: 2 h Colour: Brown Stability: 6 months

Thinning (if necessary): Diluente DMC 50

Tool cleaning: Diluente DMC 50

Ô	$\subseteq$	<del>6 6 6</del>	€
Kg 0,5	15	pcs 900	18,30/pcs



#### **ADESIVER ULTRA V**

#### Ultra fast reparation

Two-component vinyl adhesive in cartridge for quick wooden floors repairs. Also used for gluing brass, doorsills and instantly securing wooden steps glued with two-component adhesives.

**Mixture ratio:** Self-mixing extruded **Application temperature:** +10°C ÷ + 25°C

**Application:** Silicone gun **Open time:** Variable **Hardening:** 4 - 25 mins

Coverage g/m2: Depending on the use

Colour: Dark Grey Stability: 1 year

Tool cleaning: Diluente DNE

Ö		6-0-0	€
Cart. ml 165	12	pcs 912	19,00/pcs



#### PRYMER X-BLOCK

#### Fast reparation

Single-component, moisture curing polyurethane primer with a low olfactory threshold for the restructuring and fixing of structurally unstable and/or partially detached wood elements from the substrate. PRYMER X-BLOCK is ready to use and its low olfactory threshold makes it ideal for use in apartment buildings or densely populated areas.

Mixture ratio: Single-component Application temperature: +10°C ÷ + 25°C

**Application:** Smooth trowel **Coverage:** 5-10 m<sup>2</sup>/L **Drying time:** 24 h

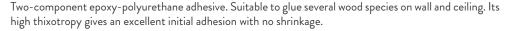
Tool cleaning: Diluente Acetone - Diluente DMC 50

		ا ا	€
L5	-	L 660	22,50/L



#### **ADESIVO 2K VERTICAL WALL (A+B)**

#### Vertical gluing



Mixture ratio: 9:1

Application temperature: +10°C ÷ + 25°C Application: Notched trowel n° 5

Open time: 2 h Hardening: 36 - 48 h

Coverage g/m<sup>2</sup>: Minimum quantity 1500 g/m<sup>2</sup>

Colour: Oak (component B)

Stability: 1 year

Tool cleaning: Diluente ACETONE

Diluente DMC 50 (before the complete curing of the adhesive)

	$\Box$	600	€
Kg 9+1	20B	Kg 800	9,70/kg

plastica











# PREPARE THE WOODEN FLOOR

- WATER-BASED FILLERS
- SOLVENT-BASED FILLERS
- WATER-BASED PRIMERS
- SOLVENT-BASED PRIMERS

# **PARQUET - PREPARE THE WOODEN FLOOR**



#### WATER-BASED FILLERS / SOLVENT-BASED FILLERS

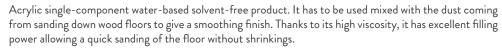






#### **ECOFILL TECH**

#### Filling properties



Mixture ratio: Single-component

Mixture ratio: 15-20 % dust - 85-80 % filler Application temperature:  $+10^{\circ}\text{C} \div + 25^{\circ}\text{C}$ Application: plastic or stainless steel smooth trowel

Coverage g/m<sup>2</sup>: 20-25 Sanding: 60 mins

Tool cleaning: Diluente DNH 40 (with fresh product)

Notes: Test first on woods containing tannin

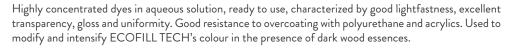
(e.g. oak, acacia)

		600	€
L.5	4	L 640	14.10/L





#### Concentrated dyes for Ecofill Tech



Appearance: Liquid

Application temperature: +10°C ÷ + 25°C

Thinning (if necessary): Water





#### Colour Range:

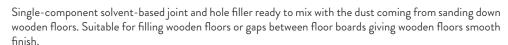
- Color Tech Brown suitable for brown essences
- Color Tech Red Brown suitable for red essences
- · Color Tech Wengé specific for Wengé

		<del></del>	€
L1	pcs 10	L 450	14,80/L



#### POLIFILM TP 10 LEGASTUCCO

#### Fast



Mixture ratio: Single-component Application temperature: +10°C ÷ + 25°C **Application:** Smooth trowel Thinning (if necessary): Diluente DNS 18 Sanding: From 20 mins to 30 mins Tool cleaning: Diluente DNE

		<del></del>	€
L 12,5	-	L 750	12,00/L
L5	-	L 660	13,10/L





















#### **ECO WHITE**

#### Withining effect





Single-component water-based polyurethane primer that gives the wood floor a "white washed" effect. Thanks to the high dry residue, it is characterized by a very good covering power, which allows to fill the wood pores with one coat. Furthermore it considerably reduces the yellowing of the woody surface while keeping the bleached effect unchanged over time.

Mixture ratio: Single-component Application: Roller - Brush Coverage g/m²: 70 - 80 Dust dry: 30 mins Fingerprint dry: 2 h Sanding: 16 h

Overcoating without sanding: 4 - 12 h

Wood oxidation: Absent

Notes: Test first on woods containing tyearsn

(e.g. oak, chestnut)

		<del></del>	€
L 5	4	L 640	30,40/L



#### **ECOCROM**

#### **Toning**



Mixture ratio: Single-component Application: Roller - Brush Coverage g/m<sup>2</sup>: 80 - 120 Dust dry: 45 mins Fingerprint dry: 1 h 30 mins

Sanding: 12 h

Overcoating without sanding: Da 2 h a 4 h

Wood oxidation: Excellent Pore filling: Good

**Notes:** The product should be applied on previously filled, sanded and thoroughly

vacuumed wooden floor

	$\subseteq$	6-0-0	€	
1.5	Λ	1.640	22 10/1	



#### **ECORAPID**

#### Fast



Single-component water-based acrylic-polyurethane primer recommended for the lacquering of wooden floors where it is request to finish the work in just a day. Has excellent chemical and physical properties as high solid content, very fast drying and it will not stain the wood.

Mixture ratio: Single-component Application: Roller - Brush Coverage g/m²: 80 - 120 Dust dry: 10 mins Fingerprint dry: 15 mins Sanding: 60 mins

Overcoating without sanding: Da 2 h a 4 h

Wood oxidation: Low Pore filling: Good

Notes: Test first on woods containing tyearsn

(e.g. oak, chestnut)

	$\Box$	600	€
L5	4	L 640	26,40/L

# **PARQUET - PREPARE THE WOODEN FLOOR**



#### **WATER-BASED PRIMERS**



#### **ECOSTARTER**

#### Fast





Single-component water-based acrylic primer for wooden floors with excellent chemical and physical properties: transparency, easy sandability and adequate solid content.

Mixture ratio: Single-component Application: Roller - Brush - Spray Coverage g/m<sup>2</sup>: 70 - 100

Dust dry: 20 mins Fingerprint dry: 30 mins Sanding: 12 h

Overcoating without sanding: Da 1 h a 3 h

Wood oxidation: Low Pore filling: Good

Notes: Test first on woods containing tyearsn

(e.g. oak, chestnut)

	$\subseteq$		€
L5	4	L 640	12,00/L



#### **ECOPRIME HS 120 (A+B)**

# High solid



Two-component water-based primer suggested as first coat of wooden floors water-based cycles. Thanks to the high solid content, has high solid properties, filling the pore of the wood just with a single coat. Easy to sand giving the same oxidation to the wood as a normal solvent-based primer.

Mixture ratio: 5:1

Application: Roller - Flat brush Coverage g/m<sup>2</sup>: 80 - 120 Dust dry: 45 mins Fingerprint dry: 1 h 30 mins

Sanding: Da 12 h a 24 h Wood oxidation: Excellent Pore filling: Excellent

Notes: Test first on woods containing tyearsn

(e.g. oak, chestnut)

<u> </u>		600	€
L5+1	3A + 3B	L 576	22,40/L







#### **ECOPRIME HS 120 CROM (A+B)**

# Toning



Two-component toning water-based primer, indicated as a first coat in water-based lacquering cycles for wooden floors, to obtain the typical warm effect of a polyurethane solvent lacquer. Thanks to the very high dry residue, it is characterized by a very good covering power, which allows to fill the pore of the wood with one coat, even on difficult woods (eg afrormosia). It's also easy to sand and can be used to even out shaded wood batches (eg. wenge).

Mixture ratio: 5:1

Application: Roller - Flat brush Coverage g/m<sup>2</sup>: 90 - 120 Dust dry: 50 mins Fingerprint dry: 2 h Sanding: 24 h

Wood oxidation: Excellent Pore filling: Excellent

Notes: Low temperatures and excessive quantities of product can slow down drying and sanding times

	$\subseteq$	600	€
L5+1	3A + 3B	L 576	22,40/L



# **FONDO WR 306 (A+B)**

#### High solid content

Two-component polyurethane primer for wooden floors with high coverage and high solid content. Has very good sandability allowing two coat lacquering cycles.

Mixture ratio: 1:1 Application: Roller 6mm - Brush Coverage g/m<sup>2</sup>: 100 - 120 Dust dry: 30 mins Fingerprint dry: 2 h

Pot-life (useful life of the A+B mix): 1 h 30 mins

Sanding: 12 h

Wood oxidation: Marked Pore filling: Excellent

**Tool cleaning:** Diluente DNE (with fresh product)

			€
L 12,5 + 12,5	-	L 750	16,40/L
L5+5	-	L 660	17,40/L















# **APPLY THE FINISH**

- SINGLE-COMPONENT / TWO-COMPONENT WATER-BASED LACQUERS
- SINGLE-COMPONENT / TWO-COMPONENT SOLVENT-BASED LACQUERS
- NATURAL OILS / OIL AND WAXES BLENDS / INDUSTRIAL PRODUCTS

# **PARQUET** - APPLY THE FINISH



#### SINGLE-COMPONENT WATER-BASED LACQUERS



#### **ECOSTAR**

#### Base





Single-component water-based lacquer for wooden floor characterized by high solid content, high resistance to wear and a pleasant final appearance. Gives to the wood a warm and slightly oxidized look.

Mixture ratio: Single-component Application: Roller - Brush Coverage g/m<sup>2</sup>: 80 - 100 Dust dry: 40 mins Fingerprint dry: 2 h Coating: Excellent Sanding: 12 - 24 h

Overcoating without sanding: 2 - 4 h Chemical and physical characteristics: Good Wood oxidation: Light

Gloss level: 60 LD - 40 SL - 20 OP - 13 S.OP Notes: Test first on woods containing tyearsn

(e.g. oak, chestnut)















## ECØ V

# **Ecolabel**













Single-component water-based lacquer for wooden floors with reduced content of volatile organic compounds. Has high abrasion resistance and to heavy traffik.

Mixture ratio: Single-component Application: Roller - Brush

Coverage g/m<sup>2</sup>: 80 - 100 / CflS1 130

Dust dry: 40 mins Fingerprint dry: 2 h Coating: Excellent Sanding: 12 - 24 h

Overcoating without sanding: 2 - 4 h Chemical and physical characteristics: Good

Wood oxidation: Light Gloss level: 30 OP

	$\subseteq$	الما ا	€
L5	4	L 640	26,90/L



#### **ECOFAST UV**



Single-component polyurethane-acrylic water-based UV curing lacquer in situ for wooden floors. It has high abrasion and traffic resistances allowing its use for high traffic surfaces. It is UV curing with portable UV machines where a fast walkability is required. Available in LD, SL and OP versions.

Mixture ratio: Single-component

Application: Roller - Spray - Following UV reticulation

Coverage g/m<sup>2</sup>: 70 - 90

Waiting time: Before UV reticulation: 2-4 h Sanding: Immediately after UV reticulation Chemical and physical characteristics: Excellent

Coating: Good Wood oxidation: Light

**Gloss level:** 70 LD - 35 SL - 15 OP

Thinning (if necessary): Water (suggested 5% - max 10%)

Notes: Wait the complete water evaporation (2-4 hours) before the full UV photocuring

	$\subseteq$	<del></del>	€
Kg 5	-	Kg 600	30,20/kg





# **ECOTRAFFIK 2K (A+B)**

#### Hight durability / High traffic



Mixture ratio: 10:1 Application: Roller - Brush **Coverage g/m<sup>2</sup>:** 80-100 g/m<sup>2</sup> Dust dry: 30 mins

Fingerprint dry: 2 h

Pot-life (useful life of the A+B mix): 2 h

Coating: Excellent Sanding: 24 h

Overcoating without sanding: 3 - 5 h

Chemical and physical characteristics: Excellent

Wood oxidation: Light

Gloss level: 40 SL - 15 OP - 8 S.OP Thinning (if necessary): DILUENTE DR H20 Notes: Test first on woods containing tyearsn

(e.g. oak, chestnut)





















in comparison to standard two-component lacquers



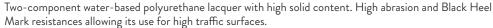
# **PARQUET - APPLY THE FINISH**

# TWO-COMPONENT WATER-BASED LACQUERS



#### **ECOSTAR 2K (A+B)**

#### High solid, high resistance



Mixture ratio: 10:1

Application: Roller - Brush

Coverage g/m<sup>2</sup>: 80 - 100 (100 per LD)

Dust dry: 30 mins Fingerprint dry: 2 h

Pot-life (useful life of the A+B mix): 2 h

Coating: Excellent Sanding: 24 h









Overcoating without sanding: 4 - 12 h Chemical and physical characteristics: Excellent Wood oxidation: Light

Gloss level: 80 LD - 40 SL - 20 OP - 8 S.OP Notes: Test first on woods containing tyearsn

(e.g. oak, chestnut)



**EC1 PLUS VARIANT IS AVAILABLE** ON REQUEST















# **ECOSTAR 2K COLORATA (A+B)**

#### Colored lacquer

Two-component colored water-based polyurethane lacquer for wooden floors with high elasticity, hardness and high chemical and mechanical resistances. Has to be over-varnished with Ecostar 2K. Available in RAL, NCS colors and on request.

Mixture ratio: 10:1 Application: Mohair-roller Coverage g/m2: 80 - 120 Dust dry: 40 mins Fingerprint dry: 2 h Coating: Excellent **Sanding:** 12 - 24 h

Overcoating without sanding: 4 h

Notes: Test first on woods containing tyearsn

(e.g. oak, chestnut)

	$\Box$	<del></del>	€
Kg 5 + 0,5	-	L 528	pack. > 5kg 42,10/kg
			I .FI F0.60/I









# A+

#### Natural effect

Two-component water-based polyurethane lacquer with natural wood look effect. Recommended on light wood species. Nanotechnological.

Mixture ratio: 10:1
Application: Roller - Brush
Coverage g/m²: 80 - 100
Dust dry: 30 mins
Fingerprint dry: 2 h

Pot-life (useful life of the A+B mix): 2 h

Coating: Good Sanding: 24 h

Overcoating without sanding: 4 h - 12 h
Chemical and physical characteristics: Excellent

Wood oxidation: Absent Gloss level: 6 - 8

Notes: Test first on woods containing tyearsn

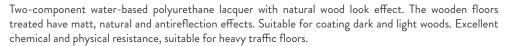
(e.g. oak, chestnut)

		<del></del>	€
L5+0.5	3A + 3B	L 528	32.10/L



#### ECOWOOD 2K (A+B)

#### Antireflection natural effect



Mixture ratio: 10:1 Application: Roller - Brush Coverage g/m²: 80 - 100 Dust dry: 30 mins Fingerprint dry: 2 h

Pot-life (useful life of the A+B mix): 2 h

Coating: Good Sanding: 16 h Overcoating without sanding: 4 - 12 h Chemical and physical characteristics: Excellent Wood oxidation: Absent Gloss level: 3 - 5

**Notes:** Test first on woods containing tyearsn (e.g. oak, chestnut)

å		600	€
L5+0,5	3A + 3B	L 528	33,40/L



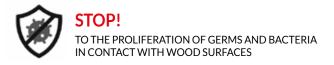
#### **ADDITIVI SANIPLUS**

#### Higienizer for lacquers

Special additive formulated with silver ions, that, when added to water / solvent-based and UV curable lacquers creates a mechanical barrier with hygienizing action. Doesn't alter any of the lacquer's properties (hardness, gloss level, viscosity and both mechanical and chemical resistances, etc).

Maximum mixing ratio: 2%







# **PARQUET** - APPLY THE FINISH



#### SINGLE-COMPONENT SOLVENT-BASED LACQUERS





#### **OIL WOOD TRAFFIK**

#### Oil-wax effect







Single-component oil-urethane finish for wooden floors characterized by a high resistance to wear and abrasion. Giving to the wooden floor a warm and soft appearance, typical of the nature oil-based finishes, easy to maintain. Available in SL, OP and SUPER OP versions.

Mixture ratio: Single-component Application: Roller - Brush Coverage g/m²: 100 Dust dry: 3 h Fingerprint dry: 6 h Sanding: 24 h

Gloss level: 35 SL - 15 OP - <10 S.OP

Coating: Good

Chemical and physical characteristics: Very good

Thinning (if necessary): Terpentin Tool cleaning: Diluente DNE

	$\subseteq$	<del></del>	€
L5	-	L 660	25,10/L - S.OP 26,00/L



# **DURO LACK MC 55**

#### Altissima resistenza

Single-component polyurethane lacquer characterised by high scratch resistance, elasticity and surface hardness.

Mixture ratio: Single-component Application: Roller - Brush Coverage g/m²: 100 Dust dry: 1 h Fingerprint dry: 4 h Sanding: 24 h

Gloss level: 95 LD - 70 SL- 55 OP

Coating: Good

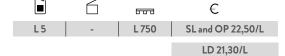
Chemical and physical characteristics: Excellent Thinning (if necessary): Diluente DMC 50











**AVAILABLE ON REQUEST** 

## TWOCOMPONENT SOLVENT-BASED LACQUERS



#### **DURO LACK MC 50 (A+B)**

#### Polyurethane



Two-component polyurethane solventbased lacquer with high coverage for wooden floors. Is characterized of high liquid, abrasion and traffic resistances. **Available in LD and SATINATA versions.** 

Mixture ratio: 1:1

Application: Roller - Brush Coverage g/m<sup>2</sup>: 100 Dust dry: 1 h 30 min. Fingerprint dry: 6 h

Pot-life (useful life of the A+B mix): 4 h

 $\textbf{Sanding:}\ 24\ h$ 

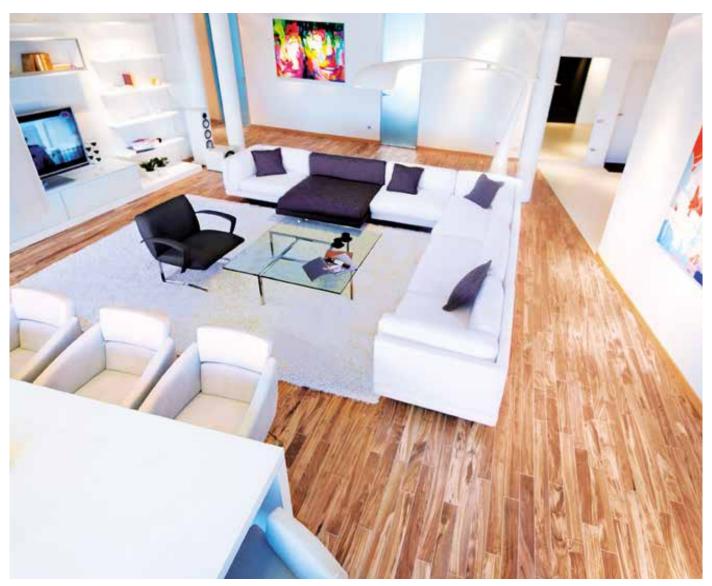
Gloss level: 95 LD - 75 SATINATA

Coating: Excellent

Chemical and physical characteristics: Excellent Thinning (if necessary): Diluente DMC 50

	$\subseteq$		€
L5+5	-	L 660	LD 18,50/L - Satinata 19,50/L







#### **NATURAL OILS**

#### LIOS BIOIL NATURAL

#### Natural







Natural oil treated for wooden floors. Very durable, protects the wood, giving a smooth effect enhancing the natural look of the wood grain.

**Application temperature:** +10°C ÷ +25°C **Application:** Buffing machine - Rubber trowel

Floor polisher - Sponge - Cloths Thinning (if necessary): Lios Solv Surface dry time: 12-24 h Total drying time: 15 gg Coverage: 30-40 m²/L

(depending on the porosity of the wood)

Tool cleaning: Diluente DNE

		600	€
L1	12	L 480	39,60/L



# 0.330 2.330



#### LIOS BIOIL COLORATO

#### Colored natural

Colored natural oil treatment for wooden floors with easy application, very durable and soft effect on the surface. Also available upon sample and in herebelow shown colours.

Application temperature: +10°C ÷ +25°C Application: Buffing machine - Rubber trowel Floor polisher - Sponge - Cloths Thinning (if necessary): Lios Solv

Thinning (if necessary): Lios So Surface dry time: 24-48 h Total drying time: 15-30 gg

Coverage: 30-40 m<sup>2</sup>/L (depending of the sanding)

Tool cleaning: Diluente DNE

		600	€
L1	12	L 480	120,00 on request



#### LIOS BALM FISSATIVO

#### Protective oil

Natural oil-based protective to give good wear and abrasion resistances and water-repellency.

Application temperature:  $+10^{\circ}\text{C} \div +25^{\circ}\text{C}$ 

Application: Cloth

Thinning (if necessary): Lios Solv Surface dry timee: 12-24 h Total drying time: 15 gg Sanding: Not for sanding Painting over: 6-8 h

**Coverage:** 30 m<sup>2</sup>/L (depending on the porosity of the wood)

Tool cleaning: Diluente DNE

		600	€
L1	10	L 500	22,80/L

# LIOS BIOIL COLORATO

Our laboratory can make colours and dyes to customer specifications.



€ 52,50/L



CHERRY



€ 48,90/L







#### LIOS B 100 NATURAL

#### 100% solid / High resistance







Natural oil treatment for wooden floors, it has 100% solid content so it can be considered VOC free. Available in colored version.

Application temperature: +10°C ÷ +25°C

Application: Buffing machine - 2,5 mm (black) Roller

Rubber trowel - Floor polisher - Sponge - Cloths - Single head roller coater

Thinning (if necessary): Lios Solv

Surface dry time: 12-24 h

Total drying time: 15 gg Coverage: 30-40 m²/L (depending on the porosity and the absorption of the wood)

Tool cleaning: Diluente DNE

	$\Box$	600	€
L1	12	L 480	72,80/L



#### LIOS BOOSTER OIL K-TECHNOLOGY

#### Accelerant

Accelerating additive specially formulated to reduce the drying times of oil-based products, even when planning to recoat with bicomponent products.

Application temperature: +10°C ÷ +25°C

Addition: 20% Max

		600	€
ml 200	45	pcs 2.250	31,20/pcs

NATURAL



#### LIOS BIOIL 2K (A+B)

#### High resistance

Two-component natural oil treatment for wooden floors in only one single coat. Very high chemical and physical resistances, high coverage and easy to maintain; giving to the wooden floors a warm and soft effect. VOC free.

Mixture ratio: 10:2

Application temperature:  $+10^{\circ}\text{C} \div +25^{\circ}\text{C}$ 

Application: Buffing machine Thinning (if necessary): Ready to use

Coverage g/m<sup>2</sup>: 10-15 (depending on wood, sanding paper grit and application method)

Pot-Life: 4-5 h

Surface dry time: 12-24 h Total drying time: 1 week Pulizia attrezzi: Diluente DNE

	$\Box$	<del></del>	€
Kσ1+0.2	_	_	130.00/kg



€ 42,00/L **SMOKED** 



€ 42,00/L



€50,00/L



€ 55,50/L



€ 50,00/L



€104,00/L



€ 55,70/L

**HAVANA** 

€50,00/L



# **PARQUET** - APPLY THE FINISH



#### **OIL AND WAXES BLENDS**





#### **OIL BEE**

#### High resistance oil-wax mixture for wood







Product containing vegetable and synthetic oils and beeswax, which gives the wood a natural and uniform appearance, giving excellent water repellency, hardness and softness to the touch. OIL BEE, thanks to its high coverage and its excellent penetrating power, is recommended for all wooden products.

Application temperature: +10°C ÷ +25°C
Application: Buffing machine - Brush Cloth - 4 mm mohair Roller

Industrial: rubber roller 18/30 shore

Thinning (if necessary): Turpentine, Diluente DRV 1

Coverage: 1L / 30-35 m<sup>2</sup> (Single disk machine); 60-80 g/m<sup>2</sup> (mohair roller 4mm);

Depending on the type of equipment (roller machine)

Dust dry: 3 h Fingerprint dry: 6 h Sanding: 24 h

Gloss level: GL 05 - GL 20 Tool cleaning: Diluente DRV 1

















MAIN SPONSOR

By choosing and buying this product, you help us to protect and save bees.

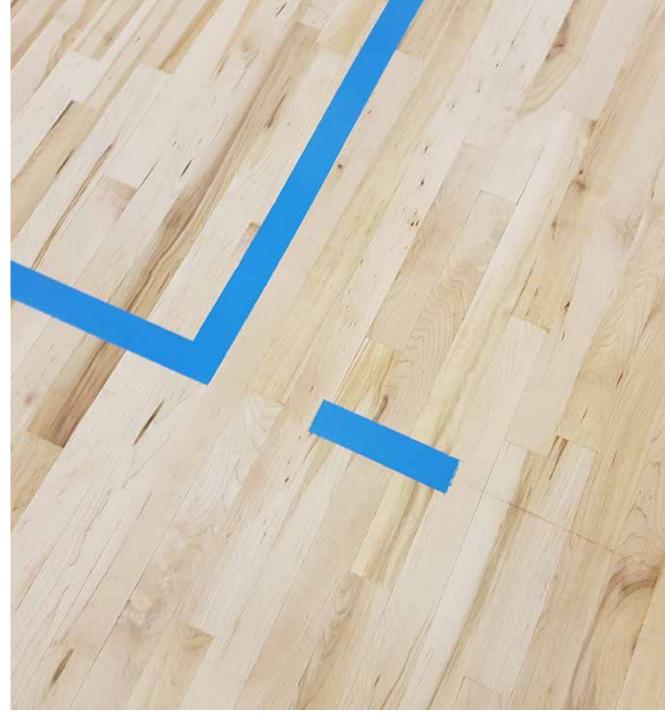
**Chimiver** will make a donation to **BeeLife association** for each sale















# PARQUET

# SPORTIVE CYCLE / FIRE RETARDANT CYCLE

- SPORTIVE WOODEN FLOORS
- FIRE-RETARDANT FLOORS





#### SPORTIVE WOODEN FLOORS



#### **ECOPRIME 2K SPORT (A+B)**





#### Water-based primer

Two-component water-based primer indicated as the first coat in the completely water-based paint cycles for wooden floors. Thanks to the very high dry residue, it is characterized by a very good covering power, which allows you to fill the pore of the wood with one hand, even on difficult woods (e.g. afrormosia), also has a good sandability via machine.

Mixture ratio: 10:1

Application temperature: +10°C ÷ +25°C Application: 8 mm microfiber Roller - Flat brush Thinning (if necessary): Diluente DR H20

Coverage g/m<sup>2</sup>: 80-120 Dust dry: 45 mins Fingerprint dry: 1 h 30 Pot-Life: 1 h 30' Sanding: 12-24 h

Wood oxidation: Excellent Pore filling: Excellent Tool cleaning: Diluente DNH 40

(with fresh product)

ê	$\Box$	<del></del>	€
L 5+0,5	3A + 3B	L 528	32,10/L



# ECOSTAR 2K SPORT (A+B) EN 14904



Two-component water-based polyurethane lacquer for sportive wooden floors. Has same technical











characteristics of our standard ECOSTAR 2K; it has been formulated in order to meet the highest anti slip standard requirements for sport wooden floors. Hardness, distension, chemical and mechanical resistances put ECOSTAR 2K SPORT on top of range's quality. It is recommended and certified by the International Basketball Federation (FIBA Approved Equipment).

Mixture ratio: 10:1

Application temperature: +10°C ÷ +25°C

Application: 8 mm microfiber Roller - Brush - Spray

Thinning (if necessary): Diluente DR H20

Coverage g/m<sup>2</sup>: 100 Dust dry: 35 mins Fingerprint dry: 2 h Pot-Life: 2 h Sanding: 24 h Gloss level: 20

Chemical and physical characteristics: Excellent

Coating: Excellent Wood oxidation: Light

Tool cleaning: Diluente DNH 40





OP

#### **ECOSTAR LINE COLORS**

## Water-based marking

Pigmented two-component polyurethane water-based paint for the line marking of sportive wooden floors. The paint can be used also to complete court borders and zones. High coverage, adhesions, leveling and no sanding is required before overcoating. Available in several bright colors all possible to blend with each other to achieve an array of custumized colors. It is recommended and certified by the International Basketball Federation (FIBA Approved Equipment).

Mixture ratio: 10:1

Application temperature:  $+10^{\circ}\text{C} \div +25^{\circ}\text{C}$ 

Appearance: Liquid

Colour: RAL colors - NCS, on request Application: 10 mm teflon roller Thinning (if necessary): Do not dilute

Coverage g/m<sup>2</sup>: 80-100

Dust dry: 20-30 mins Fingerprint dry: 1-2 h Sanding: 12-24 h

Overcoating without sanding: 4-5 h

Chemical and physical characteristics: Excellent

Coating: Excellent

Tool cleaning: Diluente DNH 40



**AVAILABLE COLOURS** 



**RAL 1023** Yellow Traffic



**RAL 2008** 

**RAL 3020** Red Orange Light Red Traffic





**RAL 5005** Blue Signal



**RAL 6029** Mint Green



**RAL 9005** Intense Black



**RAL 9010** Pure White

















#### Intensive cleaner

Intensive concentrated cleaner suitable for the regular cleaning of sportive wooden floors. Thanks to its composition it acts strongly on dirty surfaces removing dust, black heel mark without leaving halos and perfuming the environment. Is a neutral detergent with addition of special nanoparticles which guarantee to the treated surfaces a deep cleaning and a long lasting effect. It is recommended and certified by the International Basketball Federation (FIBA Approved Equipment).

Application: Mop - Sponge Thinning (if necessary): Water Tool cleaning: Water

		600	€
L1	12	L 480	12,00/L



#### FIRE-RETARDANT FLOORS



#### **ECOSTAR RF 15T (A+B)**

#### Fire-retardant and No-slip









Two-component water-based polyurethane flame-retardant lacquer. Is suggested for the treatment of wooden floors and wooden materials only for flooring purposes. The class of reaction to the fire is italian 1. Has been formulated in order to meet the highest anti slip standard requirements for sportive wooden floors.

Mixture ratio: 10:1

Application temperature: +10°C ÷ +25°C

Application: 8 mm microfiber roller - Brush - Spray - Curtain coater

Thinning (if necessary): Diluente DRH2O

Coverage g/m<sup>2</sup>: 1st italian class 240 g/m<sup>2</sup> - CflS1 140 g/m<sup>2</sup>

Dust dry: 30 mins Fingerprint dry: 2 h Pot-Life: 2 h **Sanding:** 12-24 h

Gloss level: Roller - Brush: 20 gloss / Spray - Curtain coater: da 5 a 20 gloss

Road and airfield surface characteristics: UNI EN 13036-4: 104

Chemical and physical characteristics: Excellent

Coating: Excellent

Tool cleaning: Diluente DNH 40 (with fresh product)

 $\Box$ € L5+L0,5 3A+3B 44,20/L L 528











## **PARQUET**

## **UV LED CYCLE**

- OILS LACQUERS
- MACHINES FOR PHOTO-CURING

#### **PARQUET - UV LED CYCLE**



#### **OILS - LACQUERS**



#### LED HARD WAX OIL On-Site

## A+







#### **UV LED Hardening Wax Oil**

UV LED curing oil, modified with acrylate oligomers, suitable for treating wooden floors. The wooden floors treated with LED HARD WAX OIL on-site are characterized by excellent hardness and elasticity. It gives the wood product a natural look, soft to the touch and tonalized like an oil finish.

Mixture ratio: Photoactivated

Colour: Transparent and in 39 standard colors Thinning (if necessary): Diluente reattivo Application temperature: +10°C ÷ +25°C

Application: Buffing machine Coverage g/m²: 10 - 20 Hardening: LED-Y dryer

Sanding: Immediate after hardening Wood oxidation: Natural effect Gloss level: 10 S. OP - 20 OP

Dry residue: 99%

Chemical and physical characteristics: Excellent

Machine cleaning: Diluente Acetone

		600	€
Kg 5	-	Kg 600	66,20/kg



#### **ECOFAST UV LED**

#### Water-based UV LED lacquer

Single-component water-based LED curing (395 nm) lacquer in situ for wooden floors. ECOFAST UV LED has high resistance to foot traffic and abrasion and is therefore suitable for flooring subject to high wear. ECOFAST UV LED is cross-linked using portable LED (LED-Y) machines and is recommended where rapid use of wood flooring is required.

Mixture ratio: Single-component
Application temperature: +10°C ÷ +25°C
Application: 8 mm microfiber roller, following
cross-linking with 395nm LED lamp machine (LED-Y)
Thinning (if necessary): Water (suggested 5% - max 10%)

Coverage g/m<sup>2</sup>: 80 - 100 pH: 7,5 ÷ 8,5 Flash-Off: 40'-60'

Waiting time: Before UV LED reticulation wait: 1-2 h

Sanding: immediately after UV LED cross-link

Gloss level: 5

Chemical and physical characteristics: Excellent

Coating: Good Wood oxidation: Light

Tool cleaning: Diluente DNH 40 (with fresh product)





#### **ECOFAST UV LED SPORT**

#### Water-based UV LED lacquer







Single-component water-based LED curing (395 nm) lacquer in situ for wooden floors. ECOFAST UV LED has high resistance to foot traffic and abrasion and is therefore suitable for flooring subject to high wear. ECOFAST UV LED SPORT is cross-linked using portable LED (LED-Y) machines and is recommended where rapid use of wood flooring is required. Conformity with European standards for sportive wooden floors meeting EN 14904 standard's requirements.

Mixture ratio: Single-component
Application temperature: +10°C ÷ +25°C
Application: 8 mm microfiber roller, following cross-linking with 395nm LED lamp machine (LED-Y)
Thinning (if necessary): Water (suggested 5% - max 10%)

Coverage g/m<sup>2</sup>: 80 - 100 pH: 7,5 ÷ 8,5 Flash-Off: 40'-60'

Waiting time: Before UV LED reticulation wait: 1-2 h

Sanding: immediately after UV LED cross-link

Gloss level: 5

Chemical and physical characteristics: Excellent

Coating: Good
Wood oxidation: Light

Tool cleaning: Diluente DNH 40 (with fresh product)

	$\Box$	<del></del>	€
L5	-	L 600	38,00/L







### **LED-Y Hand Cure Battery System**

Handy battery tools for LED photo-curing of oils and lacquers suitable for perimeters and smaller or hard-to-reach spaces.

€

Conf. nr. 1 3.600,00

#### LED-Y Hand Cure V 220 System

Handy corded tools for LED photo-curing of oils and lacquers suitable for perimeters and smaller or hard-to-reach spaces.

€

Conf. nr. 1 1.500,00













# PARQUET

- THINNERS
- AUXILIARY PRODUCTS





#### **DILUENTE DNE**

#### Solvent-based cleaning

Thinner for tools cleaning (rollers, brushes) used for solvent-based lacquering. No white precipitate formation.

Aspetto: Colourless liquid

		<del></del>	€
L5	-	L 660	8,50/L



#### **DILUENTE DNH 40**

#### Water-based cleaning

Thinner for tools cleaning (rollers, brushes) used for water-based lacquering.

Appearance: Colourless liquid

		600	€
L5	-	L 750	5,70/L



#### **DILUENTE DMC 50**

#### Solvent diluting

Anhydrous thinner prepared with high graded solvents for diluting two-component polyurethane solvent-based lacquers.

Appearance: Colourless liquid

			€
L5	-	L 660	11,40/L



#### **DILUENTE APA**

#### Adhesion promoter

Single-component product formulated with special resins able to improve adhesion of silanes/epoxy/epoxypolyurethane adhesive and lacquer to glass, enameled, ceramic or metallic surfaces. **Destinations:** Adhesion booster.

Mixture ratio: Single-component
Application temperature: +10°C ÷ +25°C

Application: Cloth

Thinning (if necessary): Diluente ACETONE - Diluente DMC 50

Coverage g/m<sup>2</sup>: 20-40 depending on the subfloor and use Tool cleaning: Diluente ACETONE - Diluente DMC 50

	$\subseteq$	600	€
L5	-	L 660	12,20/L



#### **DILUENTE DR H2O**

#### Water retardant

Retardant thinner for water-based lacquers. Is recommended when varnishing large areas and with hot room temperatures. Dilute up to 5-10%.

Appearance: Colourless liquid

Ĉ		<del>6 6 6</del>	€
L1	10	L 500	10,30/L



#### **DILUENTE PULIPAR W**

#### Water-based liquid cleaner

Odorless water-based liquid detergent and it is used for pre-finished wooden floor dirty with single or two-component adhesives after laying. Is effective on adhesives partially hardened for maximum 6 hours (at  $\pm 20^{\circ}$ C, 60% RH). In any case, it is important to intervene before complete adhesive hardening.

Mixture ratio: Single-component Appearance: Straw-yellow liquid Application temperature: +10°C ÷ +25°C

Application: Cloth

Thinning (if necessary): Ready to use

Ô			€
L1	10	L 500	13,30/L



#### **DILUENTE PULIPAR**

#### Solvent-based liquid cleaner

Thinner used to clean the surface of varnished wooden floor, eliminating dirt and grease marks and, in particular, remains of glue used for laying the wooden floor.

Mixture ratio: Single-component Application temperature:  $\pm 10^{\circ}\text{C} \div \pm 25^{\circ}\text{C}$ 

**Application:** Cloth

Thinning (if necessary): Ready to use

		<del></del>	€
L1	10	L 500	13.30/L

#### **PARQUET - AUXILIARY PRODUCTS**





#### **ANTITARLO COMPLET**

## Anti-woodworm primer

Healing protective impregnator of wood with strong residual insecticide action. Leaves no grease and does not develop harmful gases. **Medical and Surgical Aid Ministerial Authorization N°18563.** 

**Useful advice:** Make sure ANTITARLO COMPLET is completely dried before proceeding to the drafting of the primer (12/24h).

	$\subseteq$		€
L 5	4	-	19,40/L
L1	12	-	21,00/L



#### SIGIL-LA

#### Joints waterproofing

Single-component water-based sealant for waterproofing the joints of click wooden floors and laminates systems.

**Useful advice:** Apply SIGIL-LA on the male of the element using the pouring lip, immediately couple making a light pressure to improve a continuous sealing.

Ô		<del></del>	€
ml 500	12	pcs 900	9,60/pcs



#### **ATTAKKO**

#### Skirting board gluing

Single-component vinyl adhesive in a special water dispersion for fixing where a strong initial grip is needed. Ideal for vertical bonding of skirting boards and profi les on all supports normally used in construction as long as absorbent, seasoned and dry. It is characterized by a high dry residue, excellent thixotropy, low water content and very low e mission of volatile organic substances.

**Useful advice:** Surfaces to be treated must be clean, free of dust and degreased.

Ô		<del></del>	€
Cart. ml 310	24	Nr. 1440	5,10/pcs



#### **PARKETKIT**

#### Colored mastic

Acrilic mastic for baseboards or gaps between different floor elements. Overcoatable. Available in different colours: oak, iroko, doussiè, walnut, marple, beech-cherry, white, wengè, grey, beige.

**Useful advice:** Smooth the surface with a wet sponge.

Ô	$\Box$	600	€
Cart. ml 310	24	Nr. 1440	8,50/pcs



# STUCCO W

#### STUCCO W

#### Water

Single-component water-based ready to use putty ideal for small defects on the surface of the wooden floors before proceeding to the final lacquering. Sanding: after 1 hour. Suitable also for wall restoring.

**Useful advice:** Only use on very small cracks.

		<del></del>	€
Kg 5	-	-	5,50/kg











## **RESILIENTS**

## CARPET, LINOLEUM, PVC, RUBBER, LVT GLUING

- ADHESIVES FOR INDOOR USE
- ADHESIVES FOR INDOOR AND OUTDOOR USE

#### **RESILIENTS - CARPET, LINOLEUM, PVC, RUBBER, LVT GLUING**



#### ADHESIVES FOR INDOOR USE



#### **ADESIVER RE 400/N**

#### Carpet - Linoleum



Copolymer acrylic water-based dispersion adhesive characterized by high tear resistance. Specific for indoor laying of: carpet and needle punched textile with any backing provided they are dimensionally stable; linoleum up to 3 mm thickness; vinyl floors supported by felt. Suitable for absorbent subfloors.

Mixture ratio: Single-component Application temperature: +10°C ÷ +25°C Application: Notched trowel n. 1-3

Colour: Ivory white
Waiting time: 10-20 mins
Maximum open time: 25 mins
Walking time: After about 2-4 hours
Ready for use: After about 48-72 hours

Coverage g/m<sup>2</sup>: 300-400 depending on the subfloor

Thinning (if necessary): Water

Tool cleaning: Water (with fresh adhesive)

		<del></del>	€
Kg 20	-	Kg 880	7,30/kg
Kg 12	-	Kg 660	7,30/kg



#### **ADESIVER RE 400/PLUS**

#### **PVC**



Terpolymer acrylic water-based adhesive characterized by high solid content, excellent spreadability and low water content. Specific for indoor laying of: carpet and needle punched textile with any backing provided they are dimensionally stable; linoleum up to 3 mm thickness; vinyl floors supported by felt; PVC flooring in rolls or tiles; textile floor coverings; semi-rigid vinyl. Suitable for absorbent and semiabsorbent subfloors.

Mixture ratio: Single-component Application temperature: +10°C ÷ +25°C Application: Notched trowel n. 1-3 Colour: Ivory white

Waiting time: 5-15 mins
Maximum open time: 20 mins
Walking time: After about 2-4 hours
Ready for use: After about 48-72 hours

Coverage g/m<sup>2</sup>: 250-350 depending on the subfloor

Thinning (if necessary): Water

Tool cleaning: Water (with fresh adhesive)

			€
Kg 20	-	Kg 880	8,00/kg
Kg 12	-	Kg 660	8,00/kg



#### **ADESIVER RE 400/EXTRA**



#### Flooring and coverings

Terpolymer acrylic water-based thixothropic adhesive characterized by high solid content, excellent spreadability and low water content. Specific for indoor of: carpet and needle punched textile with any backing provided they are dimensionally stable; linoleum up to 3 mm thickness; vinyl floors supported by felt; PVC flooring in rolls or tiles; textile floor coverings; semi-rigid vinyl; rubber sheets up to 3 mm thickness; PVC flooring and coverings; flooring and wall covering made by coco with back in latex; styrofoam livings and syrofoam flooring. Suitable for absorbent and semi-absorbent subfloors.

Mixture ratio: Single-component Application temperature: +10°C ÷ +25°C Application: Notched trowel n. 1-3

Colour: Ivory white
Waiting time: 10-25 mins
Maximum open time: 30 mins
Walking time: After about 2-4 hours
Ready for use: After about 48-72 hours

Coverage g/m<sup>2</sup>: 250-350 depending on the subfloor

Thinning (if necessary): Water

Tool cleaning: Water (with fresh adhesive)

		-	€
Kg 20	-	Kg 880	8,70/kg
Kg 12	-	Kg 660	8,70/kg





#### **ADESIVER RE 400/SP**

#### LVT



Terpolymer acrylic water-based thixotropic adhesive characterized by high solid content, excellent spreadability and initial adhesion. Has an extended open-time recommended for the laying of stable resilient flooring provided they are dimensionally stable. Suitable for indoor of: carpet and needle punched textile with any backing provided they are dimensionally stable; linoleum up to 3 mm thickness; vinyl floors supported by felt; PVC flooring in rolls or tiles; textile floor and wall coverings; semi-rigid vinyl; rubber up to 3 mm thickness; PVC flooring and coverings; flooring and wall covering made by coco with back in latex; styrofoam linings and styrofoam flooring; LVT (luxury vinyl tiles) flooring.

Mixture ratio: Single-component Application temperature:  $\pm 10^{\circ}$ C  $\pm \pm 25^{\circ}$ C Application: Notched trowel n. 1-3

Colour: Ivory white
Waiting time: 10-30 mins
Maximum open time: 40-45 mins
Walking time: After about 3-5 hours
Ready for use: After about 48-72 hours

Coverage g/m<sup>2</sup>: 250-400 depending on the subfloor

Thinning (if necessary): Water

Tool cleaning: Water (with fresh adhesive)

		600	€
Kg 20	-	Kg 880	9,40/kg
Kg 12	-	Kg 660	9,40/kg



#### AVAILABLE ON REQUEST

#### **ADESIVER RE 400/SP CONDUCTIVE**



#### **Conductive**

Terpolymer acrylic water-based thixothropic adhesive characterized by high solid content, excellent spreadability and initial adhesion. Specific for indoor of: conductive carpet and conductive needle punched textile with any backing provided they are dimensionally stable; conductive vinyl or static dissipative flooring; PVC flooring in rolls or tiles; conductive or static-dissipative rubber floors up to 3 mm thickness.

Mixture ratio: Single-component Application temperature: +10°C ÷ +25°C Application: Notched trowel n. 1-3

Colour: Ivory white
Waiting time: 5-25 mins
Maximum open time: 30-35 mins
Walking time: After about 3-5 hours
Ready for use: After about 48-72 hours

Coverage g/m<sup>2</sup>: 250-400 depending on the subfloor

Thinning (if necessary): Water

Tool cleaning: Water (with fresh adhesive)

		<del></del>	€
Kg 20	-	Kg 880	13,90/kg
Kg 12	-	Kg 660	13,90/kg



#### **ADDITIVO CONDUTTIVO**

Additive used to make conductive adhesives of the line ADESIVER RE 400, ADESIVER RE 702 and ADESIVER RE 702 EP.

Maximum mixing ratio: 5% Appearance: Solid

	$\Box$	6-0-0	€
Kg 0,6	-	pcs 120	16,00/pcs

#### **RESILIENTS - CARPET, LINOLEUM, PVC, RUBBER, LVT GLUING**

#### ADHESIVES FOR INDOOR USE

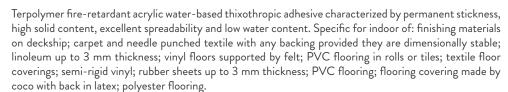




Meets the requirements of the european directive on marine equipment 2014/90/EU

#### **ADESIVER RE 400/RF**

#### Fire-retardant



Mixture ratio: Single-component Application temperature: +10°C ÷ +25°C Application: Notched trowel n. 1-3

Colour: Ivory white
Waiting time: 10-25 mins
Maximum open time: 30 mins
Walking time: After about 2-4 hours
Ready for use: After about 48-72 hours
Coverage g/m<sup>2</sup>: 400 depending on the subfloor

Thinning (if necessary): Water

Tool cleaning: Water (with fresh adhesive)

		<del></del>	€
Kg 20	-	Kg 880	12,10/kg
Kg 12	-	Kg 660	12,10/kg



#### **ADESIVER RE-MOVE**

#### Remove replacement

Terpolymer acrylic water-based adhesive characterized by a permanent tack (also after the complete drying), very high solid content, excellent spreadability and low water content. Suitable to hold in place loose lay resilient and carpet tiles with any type of backing and to prevent them slipping on different substrates, loose lay floors can be easily removed and/or replaced. Suitable for absorbent and not-absorbent subfloors.

Mixture ratio: Single-component

Application temperature:  $+10^{\circ}\text{C} \div +25^{\circ}\text{C}$ 

**Application:** 8 mm microfiber roller on notabsorbent subfloors Notched trowel n.1-3, 8 mm microfiber roller on absorbent subfloors

Colour: Ivory white / transparent after complete drying

Waiting time: 30-40 mins (install the floors when the adhesive becomes transparent)

Walking time: Immediately after the installation
Ready for use: Immediately after the installation
Coverage g/m<sup>2</sup>: 100-200 depending on the subfloor

Thinning (if necessary): Water

Tool cleaning: Water (with fresh adhesive)

			€
Kg 15	-	Kg 660	10,90/kg









#### **ADESIVER RE MS**

#### Floors and coatings









Single-component moisture curing adhesive based on silanic termination prepolymers (MS technology). The adhesive is suitable for bonding rigid LVT, SPC and LVT to wall and floor also suitable for laying all types of resilient coatings (PVC rolls). Suitable for bonding on properly prepared, absorbent and non-absorbent surfaces and on systems with radiant floor and wall heating and cooling.

Mixture ratio: Single-component Application temperature:  $+10^{\circ}\text{C} \div +30^{\circ}\text{C}$ Application: Notched trowel N° 1-3

Maximum open time: 1 h Hardening: 24-36 h

Coverage: 300 - 450 g/m<sup>2</sup> depending on the subfloor

Colour: Ivory

**Tool cleaning:** Diluente ACETONE - Diluente DMC 50 (before the hardening of the adhesive)

		600	€
Kg 10	-	Kg 750	19,70/kg
Kg 5	2	pcs 112	107/pcs

#### ADHESIVES FOR INDOOR AND OUTDOOR USE



#### **ADESIVER 406 HV**

#### **Double-buttering**

Polychloroprene solvent-based double coat adhesive suitable for difficult bonding of laminates, metals, profiles, resilient floor and covings on absorbent or poorly absorbent surfaces where immediately grip and initial tack are required. Has high thermal resistance and strong initial tack.

Mixture ratio: Single-component
Application temperature: +10°C ÷ +25°C
Application: Plastic smooth trowel - Trowel n.1

Colour: Straw yellow

Maximum open time: 15 mins

Hardening: 24 h

Coverage g/m<sup>2</sup>: 200-400 Tool cleaning: Diluente DNE

		<del></del>	€
Kg 5	-	Kg 600	19,60/kg
Kg 0,85	12	Kg 489,6	20,90/kg



#### **ADESIVER 406 LV**

#### Low viscosity

Double coat solvent-based polychloroprene adhesive specific for difficult bonding of plastic laminates to wood or metals, profiles, resilient coatings and covings on absorbent or poorly absorbent surfaces where immediate setting is required. Has good thermal resistance, low viscosity, strong initial tack and a low toxicity solvent mixture.

Mixture ratio: Single-component Application temperature: +10°C ÷ +25°C Application: Smooth trowel - Brush Colour: Straw yellow

Maximum open time: 10 mins

Hardening: 48 h

Coverage g/m<sup>2</sup>: 200-400 Tool cleaning: Diluente DNE

		<del></del>	€
Kg 4,5	4	-	19,60/kg
Kg 0,85	24	-	20,90/kg



#### **RESILIENTS - CARPET, LINOLEUM, PVC, RUBBER, LVT GLUING**

#### ADHESIVES FOR INDOOR AND OUTDOOR USE

#### ADESIVER RE 702 EP (A+B)

## plastica



Two-component quick-setting epoxypolyurethane adhesive with high elasticity and toughness, suitable for bonding in indoor and outdoor environmentthe following: PVC flooring in rolls or tiles; rubber flooring in tiles or sheets; rubber sport floorings; antishock flooring in tiles or sheets; vinyl flooring and textile flooring; linoleum floors; polyurethane-based floors. After the complete curing, ADESIVER RE 702 EP becomes heat, water and weather resistent.



Application temperature:  $+10^{\circ}\text{C} \div +25^{\circ}\text{C}$ Application: notched trowel n. 3-7

Colour: beige

Thinning (if necessary): Diluente APA

Pot-Life: 50'- 60' Hardening: 12-24 h

Coverage: 350 / 700 g/m<sup>2</sup> depending on the subfloor and spatula

Tool cleaning: Diluente DMC 50 (with fresh adhesive)





#### ADESIVER RE 702 (A+B) Not-absorbent subfloors



Kg 9+1





Two-component polyurethane adhesive with high elasticity and toughness suitable for gluing indoor and outdoors the following: PVC flooring in rolls or tiles; rubber flooring in tiles or sheets; rubber sports flooring; antishock flooring in tiles or sheets; vinyl flooring and textile flooring. Suitable for absorbent and not-absorbent subfloors.

Mixture ratio: 10:1

Application temperature: +10°C ÷ +25°C Application: Notched trowel n. 3-7

Colour: Beige Pot-Life: 45 min. Hardening: 24 h

Coverage g/m<sup>2</sup>: 300-800 depending on the subfloor

Thinning (if necessary): Diluente DMC 50 Tool cleaning: Diluente DMC 50 (with fresh adhesive)



ĒÔ		600	€
Kg 11,8+1,2	-	Kg 624	8,20/kg



## **AVAILABLE ON REQUEST**



#### ADESIVER RED TURF (A+B)

#### Red ground

Two-component polyurethane adhesive for resilient red floors.

Mixture ratio: 10:1

Application temperature:  $+5^{\circ}\text{C} \div +35^{\circ}\text{C}$ Application: Notched trowel n. 3-5

Colour: Red ground Pot-Life: 70-80 mins Hardening: 24-36 h Complete hardening: 6-7 gg

Coverage: 400-500 g/linear meter for to 40 cm

wide jointing sheets

Tool cleaning: Diluente DMC 50 (with fresh adhesive)



plastica

**AVAILABLE UPON REQUEST** THE BLUE TURF (A+B) VERSION, FOR BLU RESILIENT FLOORS AS PADDLE COURT

<b>■</b> Ô		6-0-0	€
Kg 11,8+1,2	-	Kg 624	7,80/kg







#### **ECOSTAR 2K HP**

#### High resistance lacquer for resilient floors treatment





Two-component aliphatic polyurethane water-based lacquer for the treatment of LVT, PVC, LINOLEUM, ecc, floors, recommended in all domestic homes and in public buildings even those subject to high pedestrian traffic. ECOSTAR 2K HP creates a transparent and flexible coating, which gives high chemical and physical resistance, resistance to wear, scratch and abrasion, also giving an anti-slip effect to the flooring. Very low emission product; ideal indoors. Easy to clean.

Mixture ratio: 10:2 + 5% Water

Application temperature: +10°C ÷ +25°C
Application: 8 mm microfiber roller - Brush
Chemical and physical characteristics: Excellent

Coverage: 50-70 g/m²

Dust dry: 1 h
Fingerprint dry: 2 h
Pot-Life: 2 h
Gloss level: 5 S.OP
Coating: Excellent

Tool cleaning: DILUENTE DNH 40

å		€	
Kg 5+1	3A + 3B	Kg 576	44,90/kg



TIX VERSIONS: thixotropic paint

specially formulated for dividing lines.

#### **ECOSTAR 2K HP COLORATA**

#### Colored lacquer

Two-component aliphatic polyurethane water-based lacquer for the treatment of LVT, PVC, LINOLEUM, ecc, floors, recommended in all domestic homes and in public buildings even those subject to high pedestrian traffic. ECOSTAR 2K HP COLORATA has high chemical and physical resistance, high flexibility, resistance to wear, scratch and abrasion. Very low emission product; ideal indoors. **Available in RAL, NCS and sample colors.** 

Mixture ratio: 10:1

Application temperature: +10°C ÷ +25°C
Application: 10 mm teflon roller - Brush
Chemical and physical characteristics: Excellent

Coverage: 50-70 g/m²
Dust dry: 1 h
Fingerprint dry: 2 h
Pot-Life: 2 h
Gloss level: 10
Coating: Excellent

Tool cleaning: DILUENTE DNH 40













## TREATMENT AND LACQUERING OF RESIN AND MICROCEMENTS

- PWATER-BASED PRIMERS AND LACQUERS
- SPORTIVE CYCLE: COLORED FINISH FOR INDOOR AND OUTDOOR USE
- SOLVENT LACQUERS



#### **RESIN - TREATMENT AND LACQUERING OF RESIN AND MICROCEMENTS**

#### WATER-BASED PRIMERS AND LACQUERS



#### **PRYMAREN**

#### Insulating

Single-component insulating acrylic water-based primer for cements, microcements before the lacquering. Suitable also for mineral supports, increasing the resistance to water and to alkaline surfaces.

Mixture ratio: Single-component Application temperature: +10°C ÷ +25°C Application: 8 mm microfiber roller - Brush Thinning (if necessary): 10-20% water

Coverage g/m<sup>2</sup>: 70-80

Overcoating without sanding: 2-3 h Essiccazione totale: 12-24 h

Tool cleaning: Water (with fresh product)









#### PRYMAREN CREAM

#### High-performance

Single-component insulating acrylic water-based primer with not-yellowing resins suitable for the application of ECOSTAR 2K HD per Pavimenti in resina (10-2) range of products. Its special formulation improves the adhesion of water-based lacquer on microcements and mineral support increasing the resistance to water and to alkaline surfaces. The not-yellowing and high curing properties recommend the application of PRYMAREN CREAM onto light or dark microcement.

Mixture ratio: Single-component Application temperature: +10°C ÷ +25°C

Application: AS IT IS: trowel;

DILUTED: 8 mm microfiber roller - Brush Thinning (if necessary): 10-20% water

Coverage g/m<sup>2</sup>: 70-80

Overcoating without sanding: 3-4 h

Total drying time: 12-24 h

Tool cleaning: Water (with fresh product)

		٠	€
Kg 5	-	Kg 600	42,50/kg













#### **ECOSTAR 2K HD**

PER PAVIMENTI IN RESINA 10:2 (A+B)













#### High-resistance

Two-component waterbased polyurethane lacquer recommended for residential use, particularly in public buildings (medical, offices, etc.). Ideal even in the presence of pets. Applied on various surfaces, it creates a smooth, transparent, tough, walkable, resistant to abrasion coating. Destinations: is recommended for a lacquering protective treatment in the following cases: epoxy coatings, epoxy-cement coatings, polyurethane resins on floors and walls. Do not use on floors where the motor vehicles park.

Mixture ratio: 10:2 + 10% water

Application temperature:  $\pm 10^{\circ}$ C  $\pm \pm 25^{\circ}$ C Application: 8 mm microfiber roller - Brush Thinning (if necessary): Diluente DR H20

Coverage g/m<sup>2</sup>: 80-100

Overcoating without sanding: 3-4 h Tool cleaning: Diluente DNH 40











#### **ECOSTAR 2K HD**

PER PAVIMENTI IN RESINA COLORATA (A+B)

#### Colored finish

Two-component lacquer recommended for residential use, particularly in public buildings (medical, offices, etc). Ideal even in the presence of pets. Applied on various surfaces, it creates a smooth, transparent, tough, walkable, resistant to abrasion coating. Is recommended for a lacquering protective treatment in the following cases: epoxy coatings, epoxy-cement coatings, polyurethane resins on floors and walls. Do not use on floors where the motor vehicles park. Available in RAL, NCS colors and on request.

TIX VERSION: suitable as a solution for coloring and renewing EPDM and SBR shock-absorbing and impact-resistant outdoor floorings (children's areas, playgrounds, athletic tracks, etc.).

Mixture ratio: 10:1

Application temperature:  $+10^{\circ}\text{C} \div +25^{\circ}\text{C}$ Application: Short teflon fiber roller Thinning (if necessary): Diluente DR H20 Chemical and physical characteristics: Excellent **Coverage g/m<sup>2</sup>: 80-100** 

(depending on the degree of absorption of the substrate)

pack > 5kg 43,50/kg Kg5 + 0,5Kg 528

<del>---</del>

pack < 5kg 60,10/kg



#### **ADDITIVO HD 2-10**

#### Additive

Emulsion additive, able to improve the mechanical resistance and increase the abrasion resistance of ECOSTAR 2K HD per Pavimenti in resina (10:2 catalysis ratio).

Coverage g/m<sup>2</sup>: 2% maximum in ECOSTAR 2K HD per Pavimenti in resina LD and SL versions 10% maximum for ECOSTAR 2K HD per Pavimenti in resina OP and S.OP versions (calculated on Comp. A) **Tool cleaning:** Diluente DNH 40 (with fresh product)









#### **RESIN - SPORTIVE CYCLE**



#### **COLORED FINISH FOR INDOOR AND OUTDOOR USE**







#### **RESIN FINISH W 2K COLORATA**

#### Asphalt, cement and concrete

Two-component colored lacquer based on a resin in water dispersion and mineral charges. It's suitable on asphalt, cement and concrete like a bike paths, pedestrian areas, multisport areas and decorative applications. RESIN FINISH W 2K COLORATA can be applied on both new and already painted surfaces. Available in RAL, NCS colors and on request.

Mixture ratio: 10:1

Application temperature:  $+10^{\circ}\text{C} \div +40^{\circ}\text{C}$ Application: Teflon roller - Brush - Spray Appearance: Thick colored liquid Colour: Refer to RAL/NCS folders Coverage: Colored: 100-200 g/m² for coat

Surface dry time: 1-3 h

Overcoating without sanding: 8-24 h

Thinning (if necessary): DILUENTE DR H2O 5% **Tool cleaning:** Diluente DNH 40 (with fresh product)

ê	$\Box$	<del></del>	€
Kg 10+1	-	-	Pastel 24,30/kg Medium 38,20/kg Strong 52,10/kg







#### **DUROLACK MC 50 EXTRA ALIFATICA (A+B)**

#### **Transparent**

Two-component aliphatic polyurethane lacquer with very high superficial hardness and superior elasticity, formulated with not-yellowing resin and doped with UV absorbers and anticracking additives to further improve the resistance to yellowing and to wheater. Recommended for the interior and exterior lacquering of cement and stone, paintings of industrial floors subject to heavy mechanical loads, epoxy resin, epoxy cement, polyurethane resins on floors and walls, and microcement with high/low porosity. Available in NO SLIP version.

Mixture ratio: 2:1

Application temperature: +10°C ÷ +25°C

Application: Roller Pot-Life: 3-4 h Coverage g/m<sup>2</sup>: 150 Colour: Transparent Stability: 6 months

Thinning (if necessary): Diluente DMC 50

Tool cleaning: Diluente DNE

	$\Box$	<del></del>	€
L 10+5	-	-	LD 33,40 - OP 34,60/L NO SLIP LD 36,30/L NO SLIP OP 37,40/L
L 5+2,5	-	-	LD 34,30 - OP 35,60/L NO SLIP LD 37,30/L NO SLIP OP 38,70/L



#### LACCATURA ALIFATICA MC 50 COLORATA (A+B)

#### Solvent-based colored lacquer

Two-component aliphatic polyurethane colored lacquer with very high superficial hardness and superior elasticity. Recommended for the interior and exterior lacquering of cement and stone, paintings of industrial floors subject to heavy mechanical loads, epoxy cement, epoxy resin, cement and microcement with high/low porosity, epoxy cement, polyurethane resins on floors and walls. Available in RAL, NCS colors and on request.

Mixture ratio: 2:1

Application temperature:  $+10^{\circ}\text{C} \div +25^{\circ}\text{C}$ 

Application: Roller Pot-Life: 3-4 h Coverage g/m<sup>2</sup>: 150

Colour: RAL Colors - NCS on request

Stability: 6 months

Thinning (if necessary): Diluente DMC 50

Tool cleaning: Diluente DNE

			€
	-	-	36,50/Kg

#### **USE OF THE LACQUERS**

✓ = RECOMMENDED X = NOT RECOMMENDED

	ECOSTAR 2K HP	ECOSTAR 2K HD	RESIN FINISH	<b>ECOSTAR 2K</b>	LACCATURA
	COLORATA	COLORATA	W 2K COLORATA	COLORATA	ALIFATICA
PVC	✓	X	X	X	X
LVT	✓	X	X	Χ	X
SPC	✓	X	X	X	X
LINOLEUM	✓	X	X	X	X
RUBBER	✓	X	X	X	X
EPDM	X	✓	X	X	X
SBR	X	✓	X	X	X
RESIN	X	✓	X	X	X
MICROCEMENT	Х	✓	<b>✓</b>	X	/
CONCRETE	X	<b>✓</b>	<b>✓</b>	Χ	/
ASPHALT	X	X	<b>✓</b>	Χ	Х
WOOD	X	X	X	<b>√</b>	Х







- SUBFLOOR RESTORING
- SUBFLOOR PREPARATION

#### **PARQUET - RESILIENTS - RESIN**



#### **SUBFLOOR RESTORING**

#### PRYMER SF 1105 (A+B)

## A+





Two-component water-based epoxy primer recommended has anti-dust, superficial consolidate treatment and damp proof membrane (DPM) on cement subfloors. Recommended as anti-dust treatment on anhydrite subfloors.

Mixture ratio: 1:1

Application: Roller - Brush Coverage g/m<sup>2</sup>: 150 - 500

Pot-Life: 1 h

Type of adhesive used for laying:

Sigol - Adesiver 501 Ep - Adesiver Hercules - Adesiver 327 - Unisil - Adesiver Elastic

Thinning (if necessary): Water

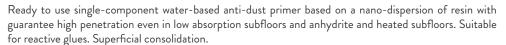
Notes and warnings: It resists counter-pressure in accordance with standard UNI 8298 part 8. Suitable as anty-dust primer radiant heating subfloors.

		<del></del>	€
Kg 10+10	-	Kg 800	20,00/kg
Kg 5+5	-	Kg 750	20,70/kg



#### **PRYMER A**

#### Anti-dust / Nanotechnology



Mixture ratio: Single-component Application: Roller - Brush Coverage g/m²: 100

Type of adhesive used for laying:

Sigol - Adesiver 501 Ep - Adesiver Hercules - Adesiver 327 - Unisil - Adesiver Elastic

Thinning (if necessary): Water

Notes and warnings: It is recommended as anti-dust treatment

and superficial consolidation of absorbent subfloors,

cementitious and anhydrite self-levellers. It is also suitable for heated subfloors.

		666	€
Kg 10	-	Kg 800	7,00/kg





#### **PRYMER FAST 500**

#### 100% fast



Mixture ratio: Single-component Application: Roller - Brush Coverage g/m²: 120 - 450 Type of adhesive used for laying:

Sigol - Adesiver 501 Ep - Adesiver Hercules - Adesiver 327 - Unisil - Adesiver Elastic

Thinning (if necessary): Diluente DMC 50 Notes and warnings: Suitable as anti-dust primer on radiant heating subfloors. It resists counter-pressure in accordance with standard UNI 8298 part 8.

	6	600	€
Kg 6	-	Kg 900	22,80/kg
Kg 12	-	Kg 960	22,10/kg







#### **PRYMER PUB 77**

#### Solvent

Single-component product and a solution of special hygro-hardening resins studied especially for creating moisture barriers and for curing dusty or very poor subfloors. It is also apt as a promoter of adhesion for anhydrite subfloors.

Mixture ratio: Single-component Application: Roller - Brush Coverage g/m<sup>2</sup>: 300 - 600 Type of adhesive used for laying:

Sigol - Adesiver 501 Ep - Adesiver Hercules - Adesiver 327 - Unisil - Adesiver Elastic

Thinning (if necessary): Diluente DMC 50
Notes and warnings: Before application, first check that the subfloor is insulated from the floor slab with a nylon sheet and does not contain lightening materials that can retain solvents. It resists counter-pressure in accordance with standard UNI 8298 part 8.

	$\Box$	<del></del>	€
L 12,5	-	L 750	16,70/L
L5	-	L 660	17,60/L



#### PRYMER EPOX WETT (A+B+C)

#### Not-absorbent

Three-component primer developed to create damp proof membrane (DPM) on cement subfloors. Recommended for absorbent and notabsorbent subfloors such as ceramic tiles, marble, ect. previously treated

Mixture ratio: 1 / 0,5 / 1,5 Application: Notched trowel n° 3 Coverage g/m²: 1000

Pot-Life: 1 h

Type of adhesive used for laying:

Sigol - Adesiver 501 Ep - Adesiver Hercules - Adesiver 327 - Unisil - Adesiver Elastic

Thinning (if necessary): Da non diluire

**Tool cleaning:** Diluente ACETONE - Diluente DMC 50 **Notes and warnings:** It resists counter-pressure in accordance with standard UNI 8298 part 8.

	$\Box$	<del></del>	€
Kg 6,7+3,3+10	-	-	17,90/kg



#### **CHIMIGRIP**

#### Self-levelling adhesion promoter

Single-component odorless water-based acrylic adhesion promoter for indoor use, specific for absorbent and not-absorbent floor preparation, before laying of RASOCHIM range of products on pre-existing substrates.

Mixture ratio: Single-component Application: Roller - Brush Coverage g/m²: 100 - 200

Thinning (if necessary): 1 part of CHIMIGRIP: 1 part of water

Notes and warnings: Do not apply on subfloors with high dimensional movement and do not apply on wet subfloors. Do not apply over subfloors with rising dump.

			€
L5	-	L 600	12,10/L

#### **PARQUET - RESILIENTS - RESIN**



#### **SUBFLOOR RESTORING**



#### **BLOCCA RETE**

#### **Anchoring primer**

Ready to use waterbased fine-intert charged anchoring primer, specific for fixing subfloor nets.

Mixture ratio: Single-component Application: Roller - Brush Coverage g/m²: 150 - 300 Thinning (if necessary): Water

Notes and warnings: To dilute 5/10% before the application.

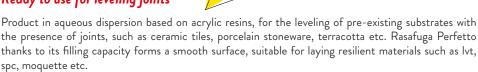
		600	€
Kg 5	-	Kg 600	12,10/kg





#### **RASAFUGA PERFETTO**





Mixture ratio: Single-component Application temperature: +10°C ÷ +25°C

Application: Smooth trowel

Coverage: 0,2-0,5 Kg/mq (according to the size and amount of joints)

Walking on time: 3 h
Colour: White
Tool cleaning: water
(before the hardening of the adhesive)

		6-0-0	€	
Kg 10	-	Kg 440	7,60/kg	





#### Anti-dust for Rasochim products

Single-component water-based anti-dust primer recommended to reinforce dustcreating subfloors and to prepare irregular subfloors before levelling with Rasochim range of products.

Mixture ratio: Single-component Application: Roller - Brush Coverage g/m²: 150 - 200

Type of adhesive used for laying: PARKETTKOLL range of products

Thinning (if necessary): Water

Notes and warnings: Dilute in ratio: 1L of products - 5/6 L of water before the application.

	$\subseteq$	<del></del>	€
Kg 25	-	Kg 600	9,70/kg
Kg 10	-	Kg 800	10,40/kg
Kg 5	-	Kg 750	11,20/kg



#### SUBFLOOR PREPARATION





#### **NIVELAND 10R**

#### Self-levelling

Fast drying cementitious self-levelling up to 10 mm thicknesses.

Mixture ratio: 1 bag of 25 Kg with 5,5/6 L of water

Application: Smooth trowel - Scrubbing brush - Long metal trowel

Coverage: 1,5 Kg/m²/mm Walking on time: 2 - 3 h Hardening: 24 h

Thickness of each coat: 1 - 10 mm Mixture duration: 20 mins

Tool cleaning: Water (before the hardening of the mixture) Notes: It is essential to make sure that there is not a rising damp from the substrate. The substrate has to be solid, dry, free of dust, loose parts, rust.

	$\Box$	<del></del>	€
Kg 25	-	Kg 1200	1,90/kg



#### **RASOCHIM AL**

#### Self-levelling

Fast drying cementitious self-levelling for interior works and public floorings up to 10 mm thicknesses.

Mixture ratio: 1 bag of 25 kg with 6 L of water

Application: Smooth trowel - Scrubbing brush - Long metal trowel

Coverage: 1,5 Kg/m²/mm Walking on time: 2 - 3 h Hardening: 24 h

Thickness of each coat: 1 - 10 mm Mixture duration: 25 mins

Tool cleaning: Water (before the hardening of the mixture) Notes: It is essential to make sure that there is not a rising damp from the substrate. The substrate has to be solid, dry, free of dust, loose parts, rust.

	$\subseteq$	600	€
Kg 25	-	Kg 1050	1,90/kg



#### **RASOCHIM TOP**

#### Up to 20 mm thickness

Fast drying cementitious self-levelling for interior works of industrial, commercial and public floorings up to 20 mm thicknesses.

Mixture ratio: 1 bag of 25 kg with 5,5 L of water

Application: Smooth trowel - Scrubbing brush - Long metal trowel

Coverage: 1,5 Kg/m²/mm Walking on time: 2 - 3 h

Hardening: 24 h for 2 mm thickness Thickness of each coat: 1 - 20 mm

Mixture duration: 25 mins

Tool cleaning: Water (before the hardening of the mixture)  $\textbf{Notes:} \ \textbf{It is essential to make sure that there is not a}$ rising damp from the substrate. The substrate

has to be solid, dry, free of dust, loose parts, rust.





















#### **PARQUET - RESILIENTS**



#### SUBFLOOR PREPARATION









#### **RASOCHIM MAXI**

#### From 5 to 40 mm thickness

Fast drying self-levelling compound for interior works and public floorings for thicknesses from 5 to 40 mm.

Mixture ratio: 1 bag of 30 kg with 5,4 L of water

Application: Smooth trowel - Scrubbing brush - Long metal trowel

Coverage: 1,7 Kg/m²/mm Hardening: 1,5 - 3 h

Thickness of each coat: 5 - 40 mm Mixture duration: 20 mins

**Tool cleaning:** Water (before the hardening of the mixture) **Notes:** It is essential to make sure that there is not a rising damp from the substrate. The substrate has to be solid, dry, free of dust, loose parts, rust.





#### **RASOCHIM FAST**

#### Up to 30 mm thickness

Thixotropic fast drying cementitious for interior works of industrial, commercial and public floorings up to 30 mm thicknesses.

Mixture ratio: 1 bag of 25 kg with 5,5 / 7 L of water

Application: Smooth trowel - Scrubbing brush - Long metal trowel

Coverage: 1,6 Kg/m²/mm Walking on time: 30 mins

Hardening: 10 h for 10 mm of thickness Thickness of each coat: 1 - 30 mm Mixture duration: 10 mins

**Tool cleaning:** Water (before the hardening of the mixture) **Notes:** It is essential to make sure that there is not a rising damp from the substrate. The substrate has to be solid, dry, free of dust, loose parts, rust.





#### **RASOCHIM 1400 M**

#### Up to 6 mm thickness

Fast dryin thixotropic cementitious smoothing for floorings and vertical surfaces up to 6 mm thicknesses.

Mixture ratio: 1 bag of 25 kg with 5,75 L of water

Application: Smooth trowel - Scrubbing brush - Long metal trowel

Coverage: 1,8 Kg/m²/mm Hardening: 24 h

Thickness of each coat: 1 - 6 mm Mixture duration: 20 mins

Tool cleaning: Water (before the hardening of the mixture)
Notes: It is essential to make sure that there is not
a rising damp from the substrate. The substrate
has to be solid, dry, free of dust, loose parts, rust.

	6		€
Kg 25	-	Kg 1200	1,50/kg



#### **QUARZO**

#### Quartz for mortar

Graded blend of quartz powder with 0,3 - 0,6 mm size to sprinkle over epoxy and/or polyurethane system in order to promote the subsequent gluing. QUARZ can be added to levelling compound, primers or two-component glue for applications in thickness.

Appearance: Solid - Powder

Colour: grey





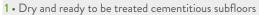


SUBFLOOR RESTORING		✓ = RECOMMENDED X = NOT RECOMMENDED O = POSSIBLE ▼ = NOT NECESSARY						
	1	2	3	4	5	6	7	8
Prymer SF 1105	•	<b>✓</b>	/	x	<b>√</b>	1	0	1
Prymer A	▼	1	х	х	1	х	х	1
Prymer Fast 500	▼	✓a	✓	х	1	✓a	х	1
Prymer Pub 77	▼	1	1	х	1	1	1	х
Prymer Epox Wett	▼	х	<b>✓</b>	<b>√</b> b,c	х	Х	х	х

 $<sup>\</sup>ensuremath{\mathsf{a}}^*$  Application of one coat of product without excess.

c\* Previous sanding of the not-absorbent subfloor is required.

PROMOTER ADHESION			✓ = RECOMM	ENDED X = N	OT RECOMMEN	NDED O = POS	SSIBLE ▼= N	OT NECESSARY
Diluente APA	X	X	X	<b>√</b> c	x	X	X	X
SUBFLOOR PRE	PARATION		✓ = RECOMM	ENDED X = N	OT RECOMMEN	NDED O = POS	SSIBLE ▼= NO	OT NECESSARY
Prymer W	•	✓	X	X	X	X	x	<b>✓</b>
Chimigrip	▼	<b>√</b>	Х	1	1	Х	X	0



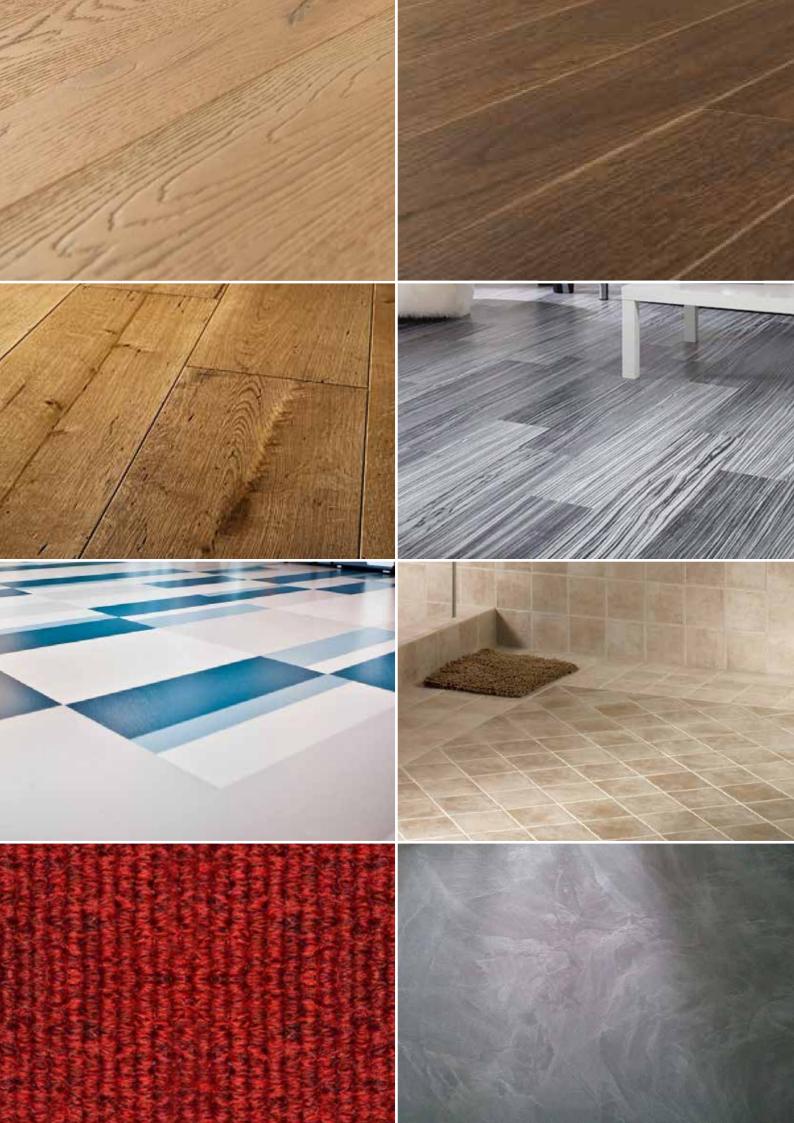
- 2 Dry but dusty cementitious subfloors
- 3 Humid cementitious subfloors
- 4 Not-absorbent subfloors (tiles, etc...)
- **5** Anhydrite subfloors
- 6 Poor cementitious subfloors to superficial consolidate
- 7 Weak cementitious subfloors to consolidate
- 8 Underfloor heating cementitious subfloors

N.B.: Before any installation of wooden floors, resilient floors or before each subfloors treatment, please verify the presence of polyethylene sheet or other waterproofing material with the right thickness.

N.B.: carefully read the instructions in the technical datasheet before using the primers.



b\* In presence of not-absorbent subfloors with high relative humidity values a DPM can be created.









## MAINTENANCE

#### FLOORS CLEANING AND MAINTENANCE

• LACQUERED

• VINYL

• OILED

• CERAMIC

• WAXED

• CARPET

• LAMINATED

• RESIN

#### **CLEANING AND MAINTENANCE**

**FLOORS** 



#### **CLEAN PANDA**

#### Universal cleaner





Universal concentrated degreasing cleaner with **sanitizing and deodorant** action, active on any type of dirt. Leaves the surfaces shiny and does not require rinsing. Ideal for daily maintenance cleaning. **Can be used on any type of floor and washable surfaces.** 









		600	€
L5	4	L 640	10,60/L

#### How to use

Dilute the product as needed for manual washing or with a scrubber-dryer:

- $\bullet$  Daily cleaning 1%: dilute 1 dose (50 ml) in 5L of water.
- Intensive cleaning 3%: dilute 3 doses (150 ml) in 5L of water.
- The recommended dose saves money and minimises environmental impact.

#### Yield for ordinary cleaning

5L of diluted product: 350 m<sup>2</sup>/L







#### **VELUREX® CLEANER STAR**

# PRINTED TO SERVICE OF THE PRINTED TO SERVICE







#### Ordinary maintenance intensive cleaner

Intensive multiuse cleaner, recommended for maintenance of lacquered wooden floors. It also efficiently acts on PVC, linoleum, melamine, marble, etc. removing dirt, black heel mark, various stains; it doesn't leave halos and perfume the environment. Neutral cleaner with addition of special nanoparticles which guarantee to the treated surfaces a deep cleaning and a long lasting action, even in the presence of pets.

	$\subseteq$	<del></del>	€
L5	4	L 640	10,20/L

	$\Box$	ا ا	€
L 25	-	L 600	9,30/L
	$\subseteq$	600	€
L1	12	L 480	12,00/L



#### **VELUREX® POLISH WT**

#### Ordinary maintenance renewing wax



Water-based emulsion of waxes. It is developed for the maintenance of lacquered wooden floors, rubber floors, vinyl floors, linoleum, marble, resins, etc. (not good for maintenance of oiled wooden floors or not-absorbent building materials). The product gives to the floor very good antistatic characteristics. It nourishes and restores at the same time, leaving a pleasant fragrance in the ambient.

	$\subseteq$	600	€
L1	12	L 480	13,20/L

#### WOOD, RESIN AND RESILIENT FLOORS



#### **VELUREX® RE-PAIR**

#### Intensive maintenance



Protective treatment for the extraordinary maintenance of particularly damaged and subject to heavy traffic of wood, resin and resilient floors such as LVT, PVC and linoleum. VELUREX Re-Pair grants the treated surface a new look characterized by the following properties: surface hardness, toughness and transparency. Available in lack and matt version.

	$\Box$	6-0-0	€
L1	12	L 480	29,80/L





#### **CLEANING AND MAINTENANCE**



#### **OILED WOODEN FLOORS**



#### LIOS SOFT BALM

#### Ordinary maintenance nourishing cleaner







Cleaner suitable for ordinary cleaning and nourishing of oiled wooden floors (natural oil treatment, UV curing or urethane treatment). Thanks to its formulation based on maintenance oils it cleans and nourishes at the same time. Used regularly, LIOS Soft Balm helps to keep a natural and uniform appearance of the wooden floors.

	$\Box$	<del></del>	€
L1	12	L 480	21,00/L
L1	White		30,30/L



#### LIOS SOFT BALM ALOE

#### Ordinary maintenance aloe vera cleaner







Natural nourishing cleaner with extracts of aloe vera, suggested for ordinary cleaning of oiled wooden floors (natural oil treatment, UV curing or urethane treatment). LIOS Soft Balm Aloe both cleans and nourishes the wooden floor thanks to its special formula containing treatment oil. If used regularly, LIOS Soft Balm Aloe keeps the floor looking even and enhances the wood's natural beauty. The extracts of aloe, leave a pleasant refreshing fragrance granting a better nourishment to the floor.

		600	€
L1	12	L 480	23,00/L



#### **LIOS KRONOS**

#### Ordinary maintenance intensive cleaner



Intensive floor cleaner with a special plantbased formula for deep and intensive cleaning of wooden floors treated with natural oil. If used regularly, LIOS Kronos effortlessly removes even the toughest dirt.

	$\subseteq$	<del></del>	€
L5	4	L 640	17,90/L

			€
L 25	-	L 600	16,50/L
	$\Box$	600	€
L1	12	L 480	19,30/L



#### LIOS TALITA PLUS

#### Extraordinary maintenance maintenance oil

Rapid maintenance oil for oiled wooden floors. Use whenever the floor looks particularly worn or scored, dry or patched.

	$\Box$	600	€
L1	10	L 500	32,50/L





#### LIOS NATURAL WAX

#### Natural waxes

Mixture of bees and carnauba wax, ideal for the maintenance of wooden floors, cotto and furniture. The treated materials have an excellent superficial hardness and a good glossiness.

		<del></del>	€
L5	-	L 660	21,70/L

		600	€
L1	12	L 480	23,40/L



#### **LIOS SOLV**

#### **Thinner**

Thinner for LIOS range products.

	$\subseteq$	600	€
L 5	-	L 660	17,40/L

		المعا	€
L1	10	L 500	19,30/L

## LACQUERED AND OILED WOODEN FLOORS, WAXED FLOORS, STONE MATERIALS



## **WAX CARE**

#### Intensive maintenance





Å			€
L 5	-	L 660	29,20/L
L 5	Colored	l version	38,50/L
	$\subseteq$	<del></del>	€
L 0,5	15	pcs 750	15,30/pcs
L 0,5	Colored	l version	20,00/pcs



#### **LAMINATE FLOORS**



#### **VELUREX® LAMIN CLEAN**

### Antistatic cleaner





Intensive cleaner suitable for the cleaning of laminate floors and all other hard surfaces. Contains an antistatic emulsion which helps the absorption and the prevention of dust build up. VELUREX Lamin Clean is additived with special nanoparticles which guarantee to the treated surface a deep cleaning and a long lasting action. No rinsing is required and no halos remain on the surface, leaves a pleasant refreshing fragrance. VELUREX Lamin Clean is also agreed upon for large communities and cleaning companies. Ideal even in the presence of pets.

		600	€
L1	12	L 480	10,20/L

#### **VINYL FLOORS**



#### **VELUREX® LVT/SPC CLEANER**

#### Intensive cleaner





Intensive antistatic cleaner recommended for cleaning vinyl flooring (LVT and SPC). The antistatic emulsion helps the absorption and prevention of dust build-up. Rinse free, it does not leave halos, assuring a fresh smell/scent in the ambient. **Ideal even in the presence of pets.** 

į	<b>■</b>	$\Box$	<del></del>	€
- 1	L 5	4	L700	8,60/L

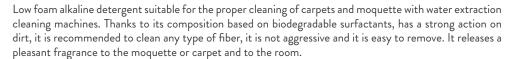
	$\Box$	6-6-6	€
L 25	-	L 900	7,30/L
	$\subseteq$		€
L1	12	L 480	10,40/L

#### **CARPET**



## **VELUREX® MOQUETTE CLEANER**

#### Cleaner



å		<del></del>	€
L1	12	L 480	9,50/L







#### **VELUREX® CERAMIC CLEANER**

# SO FRIEND



#### Intensive cleaner

Intensive multiuse cleaner, specific for the cleaning of ceramic floors. Thanks to its composition it acts efficiently also on tiles, marble, etc., removing dirt, black heel mark, various stains; it doesn't leave halos and perfumes pleasantly the environment. Neutral cleaner with addition of the special nanoparticles which guarantee to the treated surfaces a deep cleaning and a long lasting action **even in the presence of pets.** 

	$\Box$	600	€
L1	12	L 480	9,90/L

#### **RESIN FLOORS**



#### **VELUREX® RESINA CLEANER**





#### Intensive cleaner

Neutral intensive multiuse cleaner suitable for the proper cleaning of resin floors and microcement. Thanks to its composition it acts efficiently removing dirt, black heel mark, various stains; it doesn't leave halos and perfumes pleasantly the environment. A neutral cleaner with addition of special nanoparticles which guarantee the treated surfaces a deep cleaning and long lasting action. Ideal even in the presence of pets.

	$\subseteq$	<del></del>	€
L1	12	L 480	12,30/L

#### HARD SURFACES



## **ANTISLIP PROFESSIONAL**

## SO FRIEND



Concentrated, water-based, no-slip solution that does not require rinsing, it's not aggressive and does not alter the surface. It is ideal for preventing and limiting the risk of falling. It can be used on most hard surfaces (lacquered wooden floors, ceramic, stoneware, marble, resin, microcement, PVC, LVT, etc). Furthermore, thanks to its formulation it does not stain and doesn't film.

ů			€
L1	12	L 480	23,70/L

## **CLEANING AND MAINTENANCE**



**ACCESSORIES** 



## CARE LINE MAINTENANCE KIT

## Lacquered wooden floors

#### Includes:

- 1L VELUREX Cleaner Star
- 1L VELUREX Polish WT
- 1 Microfiber Maintenance Cloth

	6	<del></del>	€
1	6	144	36,60/pcs

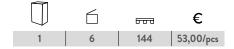


## KIT MANUTENZIONE CARE LINE

## Oiled wooden floors

#### Includes:

- 1L LIOS Soft Balm
- 1L LIOS Kronos
- 1 Microfiber Maintenance Cloth





## **SPARE CLOTHS BOX**

Spare blistered box with cleaning mop and microfiber maintenance cloth.

1 12 - 17.50/pcs			استا	€
1 12 17,007,003	1	12	-	17,50/pcs

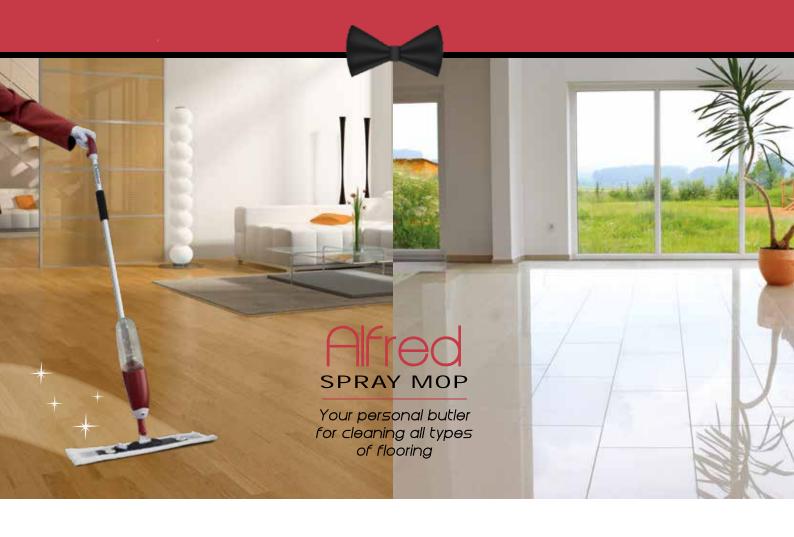


## **DRY WET**

Floppy dust mop when dry.
Ultra clean and absorbent when wet.











1L Velurex® Ceramic Cleaner

1L Velurex® Resina Cleaner

















## GLUING AND LINE-MARKING OF SYNTHETIC AND NATURAL TURF

- ADHESIVES FOR INDOOR AND OUTDOOR USE
- LINE-MARKING LACQUER/PAINT
- CLEANING AND MAINTENANCE





#### ADHESIVES FOR INDOOR AND OUTDOOR USE





Two-component polyurethane adhesive without any epoxy modification with very low emission of volatile organic compounds. Its special formulation is suitable to bond synthetic turf. **Destinations:** Bonding jointing strips between synthetic turf sheets, for indoor or outdoor, both in summer and winter, also in









Application temperature:  $+5^{\circ}C \div +35^{\circ}C$ 

Colour: Court green

Application: Notched trowel n. 3-5

presence of residual humidity.

Pot-Life: 70-80 mins Indurimento: 24-36 h Hardening: 6-7 days

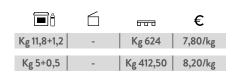
Coverage: 400-500 g/linear meter for to 40 cm

wide jointing sheets

**Tool cleaning:** Diluente DMC 50 (before the hardening of the adhesive)



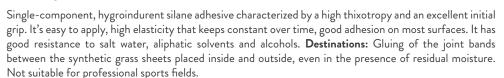
plastica

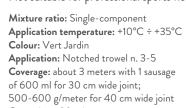




## **ADESIVER GREEN TURF 1K MS**

## Restoring





Open time: 30 mins Hardening: 36-48 h

Tensile strength at break (DIN53504): 100%

Tool cleaning: Diluente DMC 50 (before the hardening of the adhesive)

		600	€
Cart. ml 290	12	Nr. 1056	13,10/pcs
Sausage 600 ml	20	Nr. 1000	17,00/pcs
Kg 15	-	Kg 720	12,00/Kg







#### **FASTER+**

#### Accelerant



Accelerating additive for two-component polyurethane adhesives, specifically formulated for Adesiver Green Turf - Adesiver 327 PU - Adesiver RE 702. It is used to accelerate the setting time of the adhesive and installation of the flooring.

**Mixture ratio:** 100 g: 11 Kg polyurethane adhesives **Application temperature:**  $\pm 10^{\circ}\text{C} \div \pm 35^{\circ}\text{C}$ 

Ô		<del></del>	€
g 100	pcs 48	-	12,00/pcs

#### **SLOWER-**

#### Retarding



Retarding additive for two-component polyurethane adhesives, specifically formulated for Adesiver Green Turf - Adesiver 327 PU - Adesiver RE 702. It is used to slow down the setting time of the adhesive and installation of the flooring.

**Mixture ratio:** 200 g: 11 Kg polyurethane adhesives **Application temperature:**  $\pm 10^{\circ}\text{C} \div \pm 35^{\circ}\text{C}$ 

Ô		<del></del>	€
g 200	pcs 48	-	12,00/pcs



#### **ADESIVER AGA**

#### Residential repairs

Moisture curing single-component adhesive specific for residential synthetic turf and ideal for small repairs. It is a polymer with high tenacity, hard, with high adhesion power. **Destinations:** Joint adhesion between synthetic turf sheets for indoor and outdoor environments.

Application temperature:  $\pm 10^{\circ}\text{C} \div \pm 25^{\circ}\text{C}$ Application: Bottles with a nozzle Coverage: Max 60 linear meters / 1 Kg for to 30 cm wide jointing sheets

Colour: Brown

**Tool cleaning:** DILUENTE DMC 50 (before the hardening of the adhesive)

Ô		<del></del>	€
L1	pcs 15	pcs 480	32,00/pcs



#### **GLUEFIX PROTECTOR**

#### Detaching solution

Detaching solution based on water dispersed resins used in order to prevent staining on the work tools with synthetic turf adhesives. It is able to preserve the equipment over time commonly used for the application of adhesives: like the mixer, the trowel and the tank of the glue machine, etc. Used regularly, it ensures a longer durability of your tools and makes cleaning as fast and efficient as possible.

Mixture ratio: Single-component

Appearance: Liquid

Application temperature:  $+10^{\circ}\text{C} \div +25^{\circ}\text{C}$ 

Application: Brush

Coverage minimum: 2/3 g toprotect the trowel,

10/20 g to protect the glue machine

Tool cleaning: Water

	$\Box$	<del></del>	€
L1	pcs 12	L 480	44,30/L



#### PRYMER O.P.

#### Adhesion promoter

Ready to use adhesion promoter for hard surfaces as polyolefinic plastic material (polypropylene, PVC TPO). The application of one or two coats of PRYMER O.P. guarantee a high adhesion for the subsequent application of two-component polyurethane adhesive.

Mixture ratio: Single-component

Application temperature: +10°C ÷ +25°C

Application: Brush - Spray

Coverage g/m<sup>2</sup>: 50-120 depending on the substrate

Dust dry: 10 mins
Fingerprint dry: 20 mins
Sanding: No sanding
Tool cleaning: Diluente DNE

		<del></del>	€
L 5	-	L 660	46,10/L

## **SYNTHETIC TURF-** GLUING AND LINE-MARKING OF SYNTHETIC AND NATURAL TURF



## LINE-MARKING LACQUER/PAINT





## Natural and synthetic turfs





Water-based paint of medium duration for the line-marking of indoor and outdoor natural and synthetic grass fields. It has superb hiding ability, quick drying and excellent weatherability (heavy showers resistance). The final look of the grass treated is matt, natural and with soft effect.

Mixture ratio: Single-component Application temperature:  $\pm 10^{\circ}\text{C} \div \pm 30^{\circ}\text{C}$ 

Application: Spray or roller line-marking cart - Airless spray gun

Diluizione: Water

Coverage: 0,1-0,2 L/m<sup>2</sup> - 1,5 L/100 m linear

Sovravverniciabilità: 8 - 10 h Essiccazione totale: 24 h Gloss level: Matt Tool cleaning: Water







## Synthetic turf





Water-based paint of long duration for the linemarking of indoor and outdoor synthetic grass fields. It has superb hiding ability, quick drying and excellent weatherability (heavy showers resistance). The final look of the grass treated is matt, natural and with soft effect.

Mixture ratio: Single-component
Application temperature: +10°C ÷ +30°C

Application: Spray or roller line-marking cart - Airless spray gun

Diluizione: Water

Coverage: 0,3-0,4 L/m2 - 3,5 L/100 m linear

Essiccazione totale: 24 h Gloss level: Matt Tool cleaning: Water







### Removing the line-marking

Cleaner recommended for the complete removal of White Lane, Adv Lane and Event Lane, which are used for the temporary line-marking of synthetic turf fields.

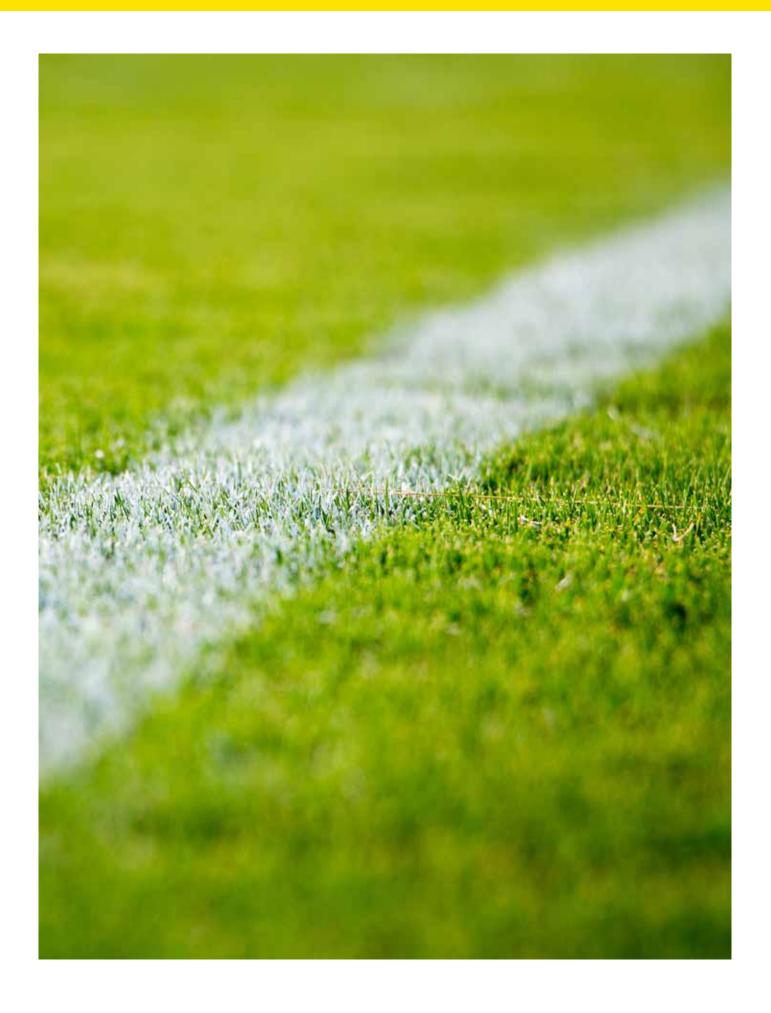
Application temperature: +10°C ÷ +25°C Application: Spray Tool cleaning: Water



		الموس	€
L5	-	L 750	11,70/L
L1	12	L 480	13,40/L









## **CLEANING AND MAINTENANCE**



#### **CLEAN GARDEN**

#### Intensive cleaner



Application temperature:  $+10^{\circ}\text{C} \div + 25^{\circ}\text{C}$ Application: Spray - Manual vaporizer garden Coverage m<sup>2</sup>: 1 L / 70 (ready to use)

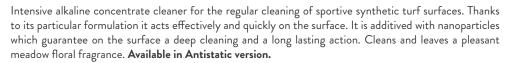
Dispenser 1L / 200 m<sup>2</sup> Thinning (if necessary): Water Tool cleaning: Water

			€
L 25	-	L 600	14,00/L
L 5	4	L 640	15,20/L
L1	12	L 480	17,10/L
L1	Antistatic		20,40/L



#### **CLEAN GARDEN SPORT**

### Intensive cleaner for sportive synthetic turf floors



Application temperature:  $+10^{\circ}\text{C} \div + 25^{\circ}\text{C}$ Application: Mobile or manual vaporizer Coverage: 1 L / 70 m<sup>2</sup> (ready to use) Thinning (if necessary): Water Tool cleaning: Water





			€
L 25	-	L 600	21,40/L
L5	4	L 640	22,60/L
L5	Antistatic		28,20/L









#### **CLEAN GARDEN PRONTO**

# RECKAGING



#### Intensive cleaner

Intensive alkaline ready to use cleaner for the daily maintenance of landscaping synthetic turf. Thanks to its particular formulation it acts effectively and quickly on the surface. It is additived with nanoparticles which guarantee on the surface a deep cleaning and a long lasting action even in presence of pets. Cleans and leaves a pleasant meadow floral fragrance. **Available in antistatic version.** 

**Application:** Spray **Coverage:** 750 ml / 50 m<sup>2</sup>



		<del></del>	€
L 0,75	12	pcs 600	11,10/pcs
L 0,75	Antistatic		13,00/pcs



## KIT MANUTENZIONE ERBA SINTETICA

#### Mixing Dispenser

Thanks to its simple single-valve operation, "Mixing Dispenser" is ideal for dispensing our Clean Garden, intensive alkaline concentrated cleaner. **Ready to use, quick action.** 

#### The Kit contains:

- 3 packs of 1 liter of Clean Garden
- 1 Mixing Dispenser



	$\subseteq$	600	€
1	6	pcs 144	57,10/pcs

## **PADEL COURTS**



## **CLEAN PADEL**

#### Intensive concentrated cleaner for padel courts

Intensive concentrated alkaline cleaner suitable for cleaning all padel courts both indoor and outdoor. Thanks to its special formulation containing tea tree, acts effectively and quickly on the surface. CLEAN PADEL is prepared using special nanoparticles that ensure an intensive and thorough cleaning. Its special formulation contains three essences unwelcome to insects: it cleanses and refreshes the treated surface leaving a fresh and pleasant scent of citrus, lemon and eucalyptus.

Application: Spray / Hand-held sprayer

Coverage: 1L / 70 m<sup>2</sup> (ready to use) / Dispenser 1L / 200 m<sup>2</sup>

Thinning (if necessary): Water



		<del></del>	€
L 5	4	L 640	15,20/L
L1	12	L 480	17,10/L











## **DECKING WOOD**

- TREATMENT
- RESTORING
- CLEANING
- GLUING
- AUXILIARY PRODUCTS



**TREATMENT** 





#### LIOS SUNDECK WOOD OIL

#### Long duration in extreme conditions

Outdoor wood impregnator particularly recommended for the treatment of outdoor wooden floors (swimming pool edges, verandas, walkways), window and door frames, fences and canopies made of wood. It contains natural and synthetic oils, with the addition of UV ray absorbers and special anti-ageing ingredients against the wood decay. It doesn't crack. Doesn't degrade rubbers and expansion joints. Slightly colored to give a warm tone to the woods treated. Available sample.

Mixture ratio: Single-component Application temperature: +10°C ÷ +25°C Application: Brush - Immersion Thinning (if necessary): Lios Solv Coverage: 1 L/13 m² ca

Dust dry: 6 h Fingerprint dry: 24 h Sanding: Do not sand Tool cleaning: Lios Solv

		<del></del>	€
L5	4	L 600	26,50/L
L 5	Colored	l version	37,90/L
L1	12	L 480	28,50/L







## LIOS SUNDECK WOOD OIL LIGHT

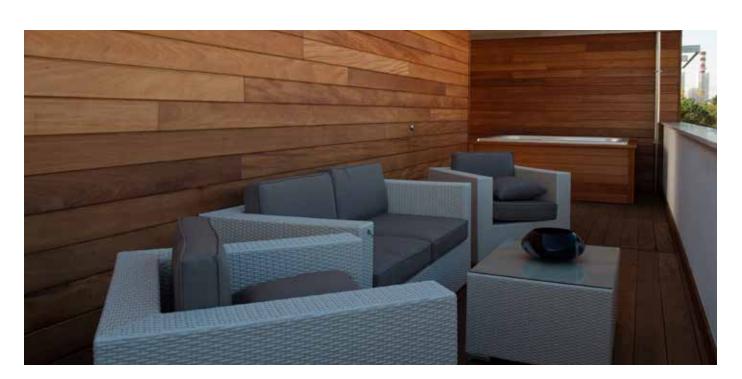
### Long duration, light tonalization

Outdoor wood impregnator particularly recommended for the treatment of outdoor wooden floors. It contains natural and synthetic oils, with the addition of UV ray absorbers and special anti-ageing ingredients against the wood decay. It doesn't crack. Which doesn't alterate the natural colour of wood, particularly indicated for the treatment of south-american species (i.e. IPÈ Lapacho, Tobaco etc.) and other similar types of outdoor woods painted in autoclave. Doesn't degrade rubbers and expansion joints. **Transparent to keep natural the woods treated.** 

Mixture ratio: Single-component
Application temperature: +10°C ÷ +25°C
Application: Brush - Immersion
Thinning (if necessary): Lios Solv
Coverage: 1 L/13 m² ca
Dust dry: 6 h
Fingerprint dry: 24 h
Sanding: Do not sand

Tool cleaning: Lios Solv

			€
L5	4	L 600	26,50/L
L1	12	L 480	28,50/L





#### **RAINCOAT FLOOR**











## Water-based, long duration

Water-based impregnating oil for wood. It's particularly suitable for the treatment of wooden floors located outside as swimming pool edges, verandas, walkways, window and door frames, fences and canopies made of wood. RAINCOAT FLOOR is composed of emulsified oils and water-based resins, reactive elements that bind to the wood lignin, strengthening it and delaying the wood decay (graying) significantly. **Slightly colored in order to give a warm tone to the decking. Available sample.** 

 $\textbf{Mixture ratio:} \ \mathsf{Single}\text{-}\mathsf{component}$ 

Application temperature:  $+10^{\circ}\text{C} \div +25^{\circ}\text{C}$ 

Application: Cloth - Brush - Immersion - Wax applicator

Thinning (if necessary): Water

Coverage: 1 L/10 m<sup>2</sup>
Dust dry: 2 h
Fingerprint dry: 4 h
Sanding: Do not sand

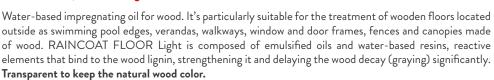
Tool cleaning: Diluente DNH 40 (with fresh product)

		600	€
L 5	-	L 660	28,00/L
L5	Colored version		33,40/L
L1	12	L 528	30,00/L



#### **RAINCOAT FLOOR LIGHT**

## Water-based, non-toning



Mixture ratio: Single-component

Application temperature: +10°C ÷ +25°C

Application: Cloth - Brush - Immersion - Wax applicator

Thinning (if necessary): Water

Coverage: 1 L/10 m<sup>2</sup>
Dust dry: 2 h
Fingerprint dry: 4 h
Sanding: Do not sand

Tool cleaning: Diluente DNH 40

(with fresh product)

			€
L 5	-	L 660	28,00/L
L1	12	L 528	30.00/L





#### **RESTORING - CLEANING - GLUING**





**LIOS GRIGIOFF** 

# PO FRIEND



Suitable solvent free solution to restore the original coloration of extremal wood surfaces (floors, garden's furnitures, tools, etc...). It removes completely the grey patina caused by adverse weather conditions. It does not degrade rubbers and expansion joints. It does not contains biocides and wood preservatives, it has a reduced environmental impact.

Mixture ratio: Single-component
Application temperature: +10°C ÷ +25°C
Application: Spray - 8 mm microfiber roller - Brush
Coverage: 25 m²/L (depending to the wood absorption)
Sanding: Not for sanding
Tool cleaning: Water

	$\subseteq$	<del></del>	€
L 5	-	L 750	32,40/L
L1	12	L 480	34.10/L





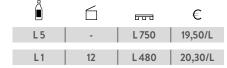
## LIOS SUNDECK SOAP Nourishing cleaner



Nourishing cleaner used to clean outdoor wooden floors. Used regularly, keeps a natural wood appearance, avoiding wood decay caused by adverse weather conditions. It efficiently removes dirt, traces of chlorine,

Mixture ratio: Single-component
Application temperature: +10°C ÷ +25°C
Application: Cloth
Thinning (if necessary): Water

Coverage: 60-70 g/m<sup>2</sup>
Tool cleaning: Water









## **UNISIL OUTDOOR PU**

Single-component hydro-curing polyurethanic adhesive with high thixotropy and elasticity. Contains antiageing additives and it has very good sound insulating properties. **Destinations:** Indicated for the gluing of outdoor and indoor wooden floors onto cement and notabsorbent subfloors (tiles, ceramic, marble, etc).



Mixture ratio: Single-component

Colour: Black

the adhesive)

Application temperature:  $+15^{\circ}\text{C} \div +25^{\circ}\text{C}$ Application: Notched trowel n° 5

Coverage g/m<sup>2</sup>: 1300-1500 depending on the subfloor

Maximum open time: 45'
Hardening: 36-48 h
Shore A hardness test: 40
Tool cleaning: Diluente ACETONE
Diluente DMC 50 (before the hardening of

		<del></del>	€
Sausage 600 ml	20	Nr. 1000	15,70/pcs







#### SPAGHETTO DECK

#### Sponge rope

Round section polyethylene sponge rope for filling expansion joints. Fill the remaining space with Elastoxyl.

Colour: Grey

Solvent resistence: Good Water resistance: Good Dimensional stability: Excellent

Temperature resistance: From -40°C to +75°C

Rope diameter: 8 mm - 10 mm - 15 mm

		€
Linear Meter 1 Ø8 n	nm Linear Meter 1.50	0,91
Linear Meter 1 Ø 10	mm Linear Meter 550	1,03
Linear Meter 1 Ø15	mm Linear Meter 550	1,48



#### PRYMER ELASTOXYL

## Primer

Primer used to obtain good performance and excellent adhesion on porous surfaces and on greasy wood species (i.e. Teak). It should be used before applying Elastoxyl. Useful advice: the surfaces must be clean and degreased using Diluente Acetone.

Application temperature: +10°C ÷ +35°C

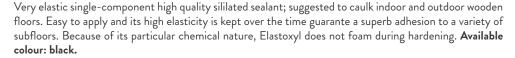
Application: Special brush Reticulation: Moisture Coverage: 1 L = 20 m<sup>2</sup>

Tool cleaning: Diluente Acetone

			€
L1	10	L 500	81,20/L



#### Silated sealant





Reticulation: Moisture

Coverage: About 20 ml (seam diam. 5 mm x 6 mm) **Tool cleaning:** Diluente DNE (with fresh product)

		<del></del>	€
Sausage 600 ml	20	Nr. 1000	46,00/pcs



#### **MAINTENANCE KIT**

## **Detergent - Nourishing**

Includes:

- 1L LIOS Sundeck Soap
- 1L LIOS Sundeck Wood Oil
- 1 Brush
- 1 Maintenance Cloth
- 1 Pair of Outdoor gloves

		600	€
N.1	pcs 6	pcs 144	48,60



#### **CLEANING KIT**

#### Restoring

Includes:

- 1L LIOS Grigioff
- 1L LIOS Sundeck Wood Oil
- 1 Brush
- 1 Paint Brush
- 1 Pair of Outdoor gloves

	$\Box$	<del></del>	€
N.1	pcs 6	pcs 144	62,50















# OUTDOOR

## **DECKING WPC - STONE**

- TREATMENT
- CLEANING



#### **TREATMENT - CLEANING**





#### **SCUDO WPC**

#### Universal protective treatment

Specific solvent-based product developed with high penetrating nanotech particles for the protection and treatment of WPC, precompressed woods and other composites materials. Increases the water and oil resistances of the treated surfaces, avoiding the formation of unaesthetic and persistant stains due to the absorption of oils and dirt. It gives a slight toning effect.

Mixture ratio: Single-component Application temperature: +10°C ÷ +25°C

Application: Brush - Spray

Coverage:  $1 L / 14 m^2$  (depending on the porosity

and the absorption of the compound)

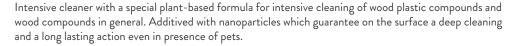
Tool cleaning: Diluente DNE

	$\Box$		€
L1	10	L 500	42,60/L



### **PULITORE INTENSIVO WPC**

#### Intensive cleaner



Application temperature:  $+10^{\circ}\text{C} \div +25^{\circ}\text{C}$ Application: Cloth - Brush Thinning (if necessary): Water Tool cleaning: Water

ů			€
L 5	-	L 750	18,60/L
L1	12	L 480	20,00/L



## **WPC SPRAY CLEAN**

#### Intensive cleaning

Spray cleaner suitable for the removal of all the kind of deep spots on treated a not-treated WPC. Clean acts with strong efficacy, solubilizing even the tough dirt, where the regular detergent is not effective. It does not leave halos and it does not discolor the material.

Application temperature:  $+5^{\circ}\text{C} \div +30^{\circ}\text{C}$ **Application:** Spray

		500	€
ml 200	12	pcs 1260	23,70/pcs







#### **PEBBLEBLOCK**

## Water-based fixative for stone

Solvent-free fixative, designed to be sprayed onto inert materials such as wood chips, gravel and similar. It ensures secure anchoring of the elements, preventing their movement due to bad weather or the passage of devices such as leaf blowers. Thanks to its effectiveness, PEBBLEBLOCK improves surface stability, reducing the risk of dispersion of granular materials, and prolongs their life, protecting the substrate from erosion phenomena induced by wind, rain or other climatic conditions.

Mixture ratio: Single-component

Application temperature: +10°C ÷ +40°C

Application: Spray

**Coverage:** Spray 4 m<sup>2</sup>/Kg - Direct mixing (see table below)

Tool cleaning: Water

Grain Size	1-2 mm	3-6 mm	7-12 mm
Mixing Ratio	20-25:1,5	30:1,5	40-50:1,5
AGGREGATE : PEBBLEBLOCK	Kg	Kg	Kg

		600	€
Kg 5	4	Kg 640	18,30/Kg
Kg 0,75	12	pz. 480	15,5/pz.

















- PRIMARY
- SECONDARY



**PRIMARY** 



#### **KNEE PADS**

€

Pack. nr. 1 Net price 50,20



## SPECIAL GLOVES FOR LAYING

High resistant anti solvent gloves, maximum sensibility washable.

€

Pack. nr. 1 13,90



#### **ROLLER**

- Polyamide 4 mm for natural oils.
- Microfiber 8 mm for water-based products.
- Microfiber 12 mm for primer.

€

Pack. nr. 1	4 mm	12,30
Pack. nr. 1	8 mm	10,50
Pack. nr. 1	12 mm	10,50



### HANDLE FOR ROLLER

Universal handle for rollers.

€

Pack. nr. 1 7,70



#### **OMEGA ROLLER**

Mohair wool 5 mm recommended for solvent-based lacquers.

€

Pack. nr. 1 38,10



### MANICO OMEGA

Calibrated handle for roller.

€

Pack. nr. 1 39,70



## **TEFLON ROLLER**

Teflon roller for water-based lacquering cm 22.

€

Pack. nr. 1 20,80



#### HANDLE ROLLER

Teflon handle roller for water-based lacquering cm 22.

€

Pack. nr. 1 12,50



## WHEELED BUCKET FOR LACQUERING

Capacity 20 liters.

€

Pack. nr. 1 67,50



## BAGS FOR BUCKETS

Bags for buckets capacity 12/20 liters. Dim.: 35x48 - 80x65

			€
Pack. nr. 1	35x48	50	1,13
Pack. nr. 1	80x65	50	1,70



## **ASSEMBLY HAMMER**

€ Pack. nr. 1 81,20



## **SAUSAGE SPATULA** AND ECOFILL TECH

€ Pack. nr. 1 6,70



#### **NOTCHED TROWELS**

- Smooth
- N° 1
- N° 3 (small)
- N° 7 (medium)

€ Pack. nr. 1 6,70









## **CARBIDE HYGROTEST**

Cement Moisture Gravimetric meter, complete with electronic comparison meter.



## CARBIDE CHARGE



		€
Pack. nr. 1	20	6,00



## **SECONDARY**



ANTI NOISE EAR-FLAP

€

Pack. nr. 1 47,10



## PROTECTING GLASSES

€

Pack. nr. 1 33,00



Dim.: 30x15 - 50x15 - 70x15 mm

### **BRUSHES**



Dim.: 3x7 - 3x12 - 3x14 cm

		€
Pack. nr. 1	30x15	7,90
Pack. nr. 1	50x15	7,50
Pack. nr. 1	70x15	10,90
Pack. nr. 1	3x7	16,20
Pack. nr. 1	3x12	25,40
Pack. nr. 1	3x14	30,10



#### **HIGH PRO DISC**

For sanding  $(300/400 \text{ m}^2)$  for the preparation of oiled wooden floors.

€

Pack. nr. 1 53,10



#### **NITRILE GLOVES**

Single use gloves. 100 pcs per box.

6

€

Pack. nr. 1 100 50,00



#### **MASK 3M 8812**

Dust mask with breathing valve. 10 pcs per box.

€

Pack. nr. 1 10 57,00



#### MASK 3M A1P2

Vapour stop mask.

€

Pack. nr. 1 71,20

#### **COVER PROTEGGI PAVIMENTI**

Self-adhesive, breathable sheet designed to protect carpets, wooden floors, laminate, LVT, SPC, PVC, resin, ceramic, stairs, and stone surfaces during renovation, construction work, and events.

Roll size: cm 100 x m 50



Pack. nr. 1 210,00









#### SPAZZOLA WHITE WOODY ROLLER'

Soft brush for indoor use

€

Pack. nr. 1 239,00



#### SPAZZOLA RED WOODY ROLLER\*

Medium brush for indoor use

€

Pack. nr. 1 239,00



#### SPAZZOLA GREEN WOODY ROLLER

Medium brush for outdoor use

€

Pack. nr. 1 421,00



#### SPAZZOLA BLACK WOODY ROLLER'

Hard brush for outdoor use

€

Pack. nr. 1 459,00



#### TOOTHED BELTS WOODY ROLLER

€

Pack. nr. 1 118,00 (couple)



\* Minimum purchase 2 pcs



#### **ELECTRODES M6 (couple)**

€

Electrodes for cement moisture.

€

Pack. nr. 1 194,00



### **ELECTRODE M20**

Electrode for wood moisture.

€

Pack. nr. 1 194,00



### **NAILS FOR TESTER**

Steel nails 23 mm 40 mm.

		€
Pack. nr. 1 - 23 mm	50	63,00
Pack. nr. 1 - 40 mm	50	60,00



## **HYDROMETTE BL** Compact B 2

Comparison not-distructive electronic meter.

€

Pack. nr. 1 850,00



## **HYDROMETTE BL** Compact TF 3

Ambient moisture/ temperature meter.

€

Pack. nr. 1 644,00



**SECONDARI** 



### **HYDROMETTE HT 85 T**

Electric moisture meter Hydromette (M20), suitable for wood/cement. Includes cables.

€

Pack. nr. 1 2.229,00



#### **CAVETTI HT 85**

Spare cables for Hydromette HT 85.

€

Pack. nr. 1 120,00



#### **GRADUATED TRANSPARENT CAN**

Capacity 1-3 liters.

€
Pack. nr. 1 | L1 5,40

Pack. nr. 1 | L3 7,50



#### **CLOTH**

Cloth for the absorption of exceeding liquid (oil).
Dim.: 50X70 cm

€

Pack. nr. 1 3,10



#### **SPONGE**

Sponge for oil application.

€

Pack. nr. 1 3,20



#### **ANTI-DUST CLOTHS SLIM**

Package of antistatic, anti-dust cloths (50 pcs.).

Dim.: 61x30 cm

€

Pack. nr. 1 42,00







### **GUN FOR TUBES**

- Tube gun for 600 ml capacity
- Tube gun capacity with air-pressure connector

		€
Man. 600 ml	Pack. nr. 1	145,00
Pack. air pressure 1000 ml	Pack. nr. 1	524,00
Pack. air pressure 600 ml	Pack. nr. 1	381,00

## PISTOLA PXP 90-200 BOSCH Sausage 4200 ml



F

Pack. nr. 1 4.860,00



### HANDLE+ TEFLON ROLLER

Handle+teflon roller for colored water-based lacquering cm 11.

	€
Pack. nr. 1	10,70



## **TEFLON ROLLER**

Teflon roller for colored water-based lacquering cm 11 (blister 2 pcs).

	€
Pack. nr. 1	8,30



#### **ROLLER CLEANER**

€ Pack. nr. 1 11,20



## BRUSH CEILING SUPPORT

Brush ceiling support.

€

Pack. nr. 1 11,20



## TOOL FOR ANTIDUST CLOTH

Cromed jointed tool with easy cloth application system.

€

Pack. nr. 1 87,60



## OIL/WAX APPLICATOR

€

Pack. nr. 1 57,10



OUTDOOR BRUSH

€ Pack. nr. 1 5,30



## **COMPANY AND CERTIFIED PRODUCTS**



 ISO 9001. Certification that defines the minimum requirements that the organization Quality Management System must satisfy in order to guarantee the quality level of products and services.



 ISO 50001. Standard that specifies the requirements for establishing, implementing, maintaining and improving an energy management system.



 PLASTICA SECONDA VITA. European brand that introduces the concept of "quality" and "traceability" in recycled plastics, enhancing a kind of waste that must be considered a primary resource for our planet.



 ECOLABEL. European eco-label that certifies (according to EC regulation no. 66/2010) the reduced environmental impact of the products or services offered by the companies.



• **GEV-EMICODE.** describes the products emissions of volatile organic compounds: EC 1 Plus (very low emissions) and EC 1 (low emissions). Licenses are issued by the emissions control associations for the sectors: floors, adhesives, paints and building materials (GEV).



 FRENCH LABELING. Certification indicating the amount of volatile substances emitted. Class A is the best, it indicates very low emissions. The C, on the other hand, is the worst, indicating high emissions.



 LEED. American building certification system, also used internationally. LEED is the acronym for "Leadership in Energy and Environmental Design" and is the evaluation system that establishes the requirements for the most ecological buildings. Construction products must meet certain requirements for the VOC content and for the indoor air quality.



• CCA CERTIFICATE. The CCA certificate (compliance with environmental compatibility criteria) is part of the activities of the Environmental Quality Control Laboratory in the environment science and technology department of the "Politecnico – Milan". The CCA certificate analyzes the entire life cycle of each product, checking and evaluating its impact on human health and environmental conservation.



 BCRA. Method of English derivation (BCRA: British Ceramic Research Association) which measures the dynamic friction coefficient by verifying the slipperiness of the flooring.



 OECD 301F and OECD 202. Certifications that determine the biodegradability and non-toxicity of the product in an aqueous environment.



• EN 14904. Reference standard that specifies the surface requirements for indoor sports facilities. The characteristics analyzed for a paint include: friction according to EN 13036-4 (pendulum test); wear resistance according to EN ISO 5470-1; specular brightness according to EN 2813.



• IMO MED. Symbol used throughout the European Union, which confirms the suitability of the product for use on ships. One of the requirements is the flammability test, another requirement is the supervision carried out by an authorized certification body. The boat's wheel is authorized by the IMO, the International Maritime Organization, a sub-organization of the United Nations.



 UNI EN ISO 17178. The legislation indicates a method for classifying adhesives for gluing parquet flooring. The standard analyzes the characteristics of hardness and elasticity and, on the basis of the requirements met, the adhesives are classified in: Elastic, Hard Elastic, Hard.



• EN 12720. Standard that specifies a testing method to evaluate the effect that various liquid (e.g. coffee, water, oil, ammonia, detergent solution, etc.) can cause in contact with surfaces by altering the appearance of color, opacity or surface texture.



**EN 13442.** Standard that specifies a testing method to determine the resistance of surfaces to a predetermined list of chemical agents with which the surface can be exposed during the operating period.



CLASSE 1. The Italian reaction to fire class does not refer to the product as it is, but to its use and its installation. In Italy the D.M. 06/03/1992 established rules, criteria and procedures for the classification of reaction to fire and certification for the purposes of fire prevention of fire-retardant paints applied on wood materials (excluding the risks deriving from fumes). Class 1 is the best class obtainable from a combustible material, such as wood.



**EUROCLASSE CfIS1.** This is the fire classification for construction elements, intended as products manufactured in order to be permanently incorporated in construction works.



• CE MARK. The legislation specifies the requirements of the materials for screeds to be used in the construction of indoor floors, providing the assessment of conformity to the standard. It defines: for the materials for fresh screeds the performances regarding the setting time, the consistency and the pH value; for hardened screed materials, resistance to compression, bending and wear, surface hardness, resistance to residual imprint and rotating loads, shrinkage and swelling, modulus of elasticity, strength of adhesion, impact resistance, reaction to fire, acoustic performance, thermal and chemical resistance.



 ISO 22196. the legislation specifies a method for measuring the bactericidal activity of a paint product on non-porous materials.



**EN 17-3.** Legislation that intervenes in the toy' safety field, setting specific limits on the migration values of chemicals authorized to be used for toys. Among the most significant risks to children's health are those represented by the chemicals used during toy's production.



**HACCP.** Hygienic self-control system in the food sector which aims to protect the health of consumers in environments where there is handling and consumption of food, such as food industries, canteens, restaurants, bars, etc. The UNI 11021 standard and the EC 852/2004 regulation specify the requisites that the surfaces must comply with in environments with food presence.



UNI EN ISO 7783. Parameter that classifies the paint breathability is the "degree of transmission of water vapor". By testing a paint according to the UNI EN ISO 7783 standard, it is possible to quantify the breathability of a paint product.



These information are given from the best of our knowledge and technical experience. They are of general character and not binding in anyway our company. Every single case should be put to a pratical test by the user who assumes the full responsability of the fi nal result of his work.



