

# DUROLACK MC 50 EXTRA ALIFATICA

**Two-component aliphatic polyurethane lacquer for interior/exterior for resin floors, cement and microcement**



## Description

Two-component aliphatic polyurethane lacquer with very high superficial hardness and superior elasticity, formulated with non-yellowing resin and doped with UV absorbers and anti-cracking to further improve the resistance to yellowing and to wheater. **Destinations:** lacquer for interior and exterior over cement and stone, paintings of industrial floors subject to heavy mechanical loads, coatings in epoxy resin, coatings in epoxy cement, polyurethane resins on floors and walls, cement and microcement with high/low porosity.

## Characteristics

Mixture ratio	2/1
Colour	transparent
Application temperature	+10°C ÷ +25°C
Application	roller 4-6 mm
Thinning (if necessary)	DILUENTE DMC 50
Chemical and physical characteristics	excellent
Sanding	24 h
Overcoating without sanding	after 24 h and no later than 36 h
Coverage	about 150 g/m <sup>2</sup>
Pot-Life	3/4 h <sup>(1)</sup>
Gloss level	OP: < 10 gloss; LD: 90 gloss <sup>(2)</sup>
Storage stability	6 months <sup>(3)</sup>
Packaging	15 kg (10+5) - 7,5 kg (5+2,5)
Tool cleaning	DILUENTE DNE

- 1 at 20°C and 65% R.H.
- 2 onto wet film of 90 micron hardened at 20°C and 65% R. H. for 7 days
- 3 in original sealed containers at temperatures between +10°C and +25°C

## How to use

The surface must be perfectly cured, structurally sound, dry, clean and free from grease and waxes.

In case of old floors or previously treated, thoroughly rinse the surface with VELUREX DEWACHS (see technical data sheet).

In case of healthy subfloors catalyse DUROLACK MC EXTRA 50 ALIFATICA in a ratio of 2/1 and stir until complete homogenization, then let stand for 10 minutes. Any dilution of the catalysed product (up to a maximum of 20%) with DILUENTE DMC 50.

Proceed with the application of DUROLACK MC 50 EXTRA ALIFATICA pure or diluted if necessary following the quantities outlined above, using a roller of 6 mm.

It's possible, 24 hours after the application, (previous sanding with 220 paper grit) to apply a second coat of DUROLACK MC 50 EXTRA ALIFATICA.

If the subfloor is porous or dusty, apply one coat of DUROLACK MC 50 EXTRA ALIFATICA diluted with 10-20% of DILUENTE DMC 50.

Avoid the application of DUROLACK MC 50 EXTRA ALIFATICA during the hottest hours of the day, when the weather conditions are not favorable and on subfloors with moisture of constant rising.

The maintenance of surfaces treated with DUROLACK MC 50 EXTRA ALIFATICA has to be done with VELUREX range of products (see technical data sheets).

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## Label elements

Comp.A	<p>· Highly flammable liquid and vapour. Causes serious eye irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness.</p> <p>· Repeated exposure may cause skin dryness or cracking.</p> <p>· Keep out of reach of children. Keep away from heat / sparks / open flames / hot surfaces. No smoking. Use only outdoors or in a well-ventilated area. Wear protective gloves / protective clothing / eye protection / face protection. Dispose your waste in dedicated collection points.</p> <p>Contents: Reaction product between bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate 2-METHOXY-1-METHYLETHYL ACETATE METHYL ETHYL KETONE N-BUTYL ACETATE Mixture of: a-3- (3- (2H-Benzotriazol-2-yl) -5-tert-butyl-4-hydroxyphenyl) propionyl -? - hydroxy- poles (oxyethylene); a-3- (3- (2H-benzotriazol-2-yl) -5-tert-butyl-4-hydroxyphenyl) propionyl -? - 3- (3- (2H-benzotriazol-</p>
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Comp.B	<p>· Highly flammable liquid and vapour. Harmful if inhaled. May cause an allergic skin reaction.</p> <p>· Contains isocyanates. May produce an allergic reaction. Contains HEXAMETHYLENE-DI-ISOCYANATE. May produce an allergic reaction.</p> <p>· If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat / sparks / open flames / hot surfaces. No smoking. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Wear protective gloves / protective clothing / eye protection / face protection. Call a POISON CENTER or doctor / physician if you feel unwell. Dispose your waste in dedicated collection points.</p> <p>Contents: OMOPOLIMERO DI ESAMETILENE-1,6- DIISOCIANATO; ESAMETILEN-1,6-DIISOCIANATO; XILENE (MISCELA DI ISOMERI); ETILBENZENE;</p>
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## Web link

Be sure to have the latest version of this technical data sheet downloadable also from the following link:



[http://www.chimiver.com/tds/EN\\_DUROLACK\\_MC\\_50\\_EXTRA\\_ALIFATICA.pdf](http://www.chimiver.com/tds/EN_DUROLACK_MC_50_EXTRA_ALIFATICA.pdf)

These information are given from the best of our knowledge and technical experience. They are of general character and not binding in any way our company. Every single case should be put to a practical test by the user who assumes the full responsibility of the final result of his work.