

Technical Datasheet

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STAR 2K SPORT

Two-component water-based polyurethane lacquer for sportive wooden floors



Description

STAR 2K SPORT is a two-component water-based polyurethane lacquer for sportive wooden floors. STAR 2K SPORT has same technical characteristics of our standard STAR 2K; it has been formulated in order to meet the highest anti slip standard requirements for sport wooden floors. STAR 2K SPORT is in conformity with European standards for sportive wooden floors meeting EN14904 standard's requirements, DIN 18032-2 for slip resistance and it's classified as EN 13501-1. Hardness, distension, chemical and mechanical resistances put STAR 2K SPORT on top of range's quality. It is recommended and certified by the International Basketball Federation (FIBA Approved Equipment).

Characteristics

Mixture ratio	10/1
Application temperature	+10°C ÷ +25°C
Application	8 mm microfiber roller / brush / spray
Thinning (if necessary)	DILUENTE DR H2O
Coverage	100 g/m ²
Dust dry	35' ⁽¹⁾
Fingerprint dry	2 h ⁽¹⁾
Pot-Life	2 h ⁽¹⁾
Sanding	24 h ⁽¹⁾
Gloss level	20 gloss ⁽²⁾
Chemical and physical characteristics	excellent
Coating	excellent
Wood oxidation	light
Road and airfield surface characteristics UNI EN 13036-4	SLIDER 57: 99
Storage stability	1 year ⁽³⁾
Packaging	5,5 L (5+0,5)
Tool cleaning	DILUENTE DNH 40
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

Shake well before use.

STAR 2K SPORT, catalyzed according to the indicated ratio and mixed thoroughly, has to be applied to filled, sanded and vacuumed wooden floors. STAR 2K SPORT can be used also on pre-finished industrial floors. When working conditions are critical (hot temperatures, low humidity or large areas), it is advisable to add 5-10% of retardant DILUENTE DR H2O (see technical data sheet).

When applying STAR 2K SPORT by roller it's essential that the catalyzed lacquer is well "worked" along the grain of the wood.

It's essential to apply a uniform layer of product STAR 2K SPORTS using a roller 8 mm microfiber.

The FIBA painting cycle consists of the first coat STAR 2K SPORT (about 100 g/m²), after 12-24 hours sanding with abrasive paper or mesh grain 220/320 and apply the second coat of STAR 2K SPORT according to the expected weight (about 80-100 g/m²). After 12-24 hours after sanding with abrasive paper or net 220/320 grit, apply the third coat of STAR 2K SPORT (about 80-100 g/m²).

The painting cycle that complies with EN 14904 and EN 13501-1 (Bf1S1) standards consists of applying a first coat of PRIME 2K SPORT (approximately 100 g/m²). After 12-24 hours, sand with abrasive paper or mesh grit 220/320 and apply the first coat of STAR 2K SPORT according to the specified spreading rate (approximately 80-100 g/m²). After 12-24 hours after sanding with abrasive paper or net 220/320 grit, apply the second coat of STAR 2K SPORT (about 80-100 g/m²).

Delimitation of line markings

If necessary, delimit the lines for sports flooring on the second coat of STAR 2K SPORT, after sanding with abrasive paper or mesh grain 220/320, apply one or more coats of STAR LINE COLORS (see related data sheet). Finish the painting cycle by applying an additional coat of STAR 2K SPORT.

The ordinary maintenance of the floors treated with STAR 2K SPORT must be done with VELUREX Cleaner SPORT (see the relevant data sheet).

Label elements

	For more information about the safe use of the product it is recommended to consult the latest version of the Safety Data Sheet.
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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_STAR_2K_SPORT.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.