

SPORTFLOOR FINISH

TWO-COMPONENT WATER-BASED VARNISH FOR SPORTIVE FLOORS

Two-component water-based varnish suitable for coating sportive wooden floors. It has an excellent workability on big surfaces and it gives the wood a rich and homogeneous aspect without changing its original color.

The film is much resistant to intense stress due to high performances of elasticity and resistance to abrasion, the surface brightness and anti-slip features are in compliance with the EN 14904 norm related to sportive floorings.



Technical data

Physical characteristics (20°C – 60% R.H.)			
Specific gravity of the blend	1,028 kg/l	pH	7,1
Ratio & times (20°C – 60% R.H.)			
Mixing ratio	10:1	Touch dry	1h
Pot life	4 h (see note)	Overcoating	3 - 4 hours
Dust dry	30'	Sanding	4 - 5 hours
Technical characteristics			
Resistance to abrasion. Ref. EN ISO 5470-1 (Taber CS10 0,5 Kg 1000 rpm)	23 mg (at 7days) Conform to EN14904	Dilution	10-15% water
Slip properties Ref. EN13036-4	94 mm Conform to EN14904	VOC content of pure product	< 140 g/l
Brightness (Novo Gloss Trio) Ref. EN ISO 2813	60° → 15% 85° → 25% Conform to EN14904	Maximum VOC content limit values for the specific category from Eu.Dir.42/2004	Cat.A/j (BA): 140 g/l (Jan.2010)
Yield	12-14 m ² /l	Application temperature	> 10 °C
Storage & Labeling			
Storage (original unopened packaging at ambient temperature)	12 months Protect from freeze	Symbol of risk	NONE
Tools cleaning	Clean the roller immediately after use with water and Additivo S/43. Rinse with clean water and store it into Soluzione di Lavaggio S27.		
Packaging	Comp. A: can of 5 lt	Comp. B: bottle of 0,5 lt	

Application

Preparation of the surface and mixing.

Untreated wood.

Sand the floor and fill it if necessary with Idrostucco RS30 water-based filler or Lega Stucco RS20 solvent-based filler; sand using fine abrasive paper (150-180) and clean the floor.

Pre-finished wood.

Deeply and homogeneously sand the whole surface to be treated. Clean the dust and apply one coat of adhesion promoter Sportfloor Grip to be over-coated after at least 4 hours (see specific technical data sheet for further information).

Mixing.

Shake well component A, then mix both components in the correct ratio (10:1) slowly pouring component B into component A while stirring. Let the blend pre-react for 10-20 minutes then apply it using a suitable roller (suggest hair 4-6 mm).



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Application cycle

Once the floor is properly prepared, apply a first coat of Sportfloor Finish with a roller (hair 4-6 mm) or a brush; after 4-5 hours, sand if necessary with a fine sandpaper (150-180) and apply a second coat in the same way.

On untreated wood is possible apply Sportfloor Base as first coat to improve the sanding and increase the final coverage.

If a coloration of lines and areas is required, apply Sportfloor Color paints after the first coat (sealer, varnish or promoter). For complete information about application see specific technical data sheet.

Remind that for the best results it is recommended to apply a thin coat of product.

Notes

- ✓ Even if the mixing remains liquid for a few hours, it is better to apply it within the pot life of 4 hours to obtain a homogeneous film.
- ✓ Certification related to slippery obtained from the "Institute of Materials Mechanic SA (Switzerland).

Reference to the norm

UNI EN 14904:2006 Surfaces for sportive areas - Internal multi sport surfaces - Specific

Maintenance

For frequent cleaning and maintenance of wooden floors treated with Sportfloor Finish, the use of Sportfloor Cleaner is recommended.

If the slippery level of the floor must be decreased, the specific Sportfloor Grip&Clean agent can be used.

Safety rules

FOR PROFESSIONAL USE ONLY. Strictly respect the information reported on labels and consult safety data sheets before use.

For further information on products mentioned in this sheet, read the corresponding data sheets.

Disposing of waste

Dispose not used product and empty containers in accordance of local in force regulations

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WARNING: The information reported in present technical data sheet are for guidance only and they do not hold our responsibility. Adapt the use of our products to the environmental conditions and materials to be treated.

REV.1 28-03-2011 Current Technical Data Sheet replaces the previous one.