

Firestop Pro

Two-component water-based fire-retardant lacquer

Two-component fire-retardant water-based lacquer, classified B_fs1 according to European standard EN 13501-1 related to reaction to fire.

The lacquer is easy to apply and guarantees excellent chemical-physical resistance, long use time and excellent workability.

From the point of view of surface slipperiness and the degree of surface semi-glossy finishing, Firestop Pro meets the requirements of the EN 14904 standard related to sports flooring.

Technical data at 20 °C – 60% r.h

Use ratio	10:2 in volume
Mixture density	1,060 kg/litre
pH	7, 5
Mixture pot life	4 hours
Dust free	30 minutes
Touch dry	1 hour 30 min
Overcoating	8 – 10 hours
Sanding	8 – 10 hours
Quantity to be applied for EN13501-1 – B _f s1 certification	240 g/m ² to be applied in 3/4 coats
Opacity degree – 60°	10 – 15 gloss
Opacity degree – 85°	15 – 20 gloss (complies with EN 14904)
Abrasion resistance	11 mg – Taber Abraser , CS10 500g grinding wheel , 1000 rpm (Complies with EN 14904)
Slipperiness according to CENT/TS15676	98.7 mm (Complies with EN 14342)
Slipperiness according to EN13036-4	109.4 mm (Complies with EN 14904)
VOC	135 g/litre, cat A/j (BA), limit 140 g/litre (2004/42/EC)
Possible dilution	5% Rallenty or 10% water
Application temperature	> 10°C
Storage	12 months in original sealed packaging. > 10 °C – Protect from frost
Cleaning of tools	Clean the roller immediately after use with water and neutral soap using a roller squeezer until the roller itself is no longer soaked in opalescent liquid; if necessary, rinse again with clean water. Store the rollers in appropriately diluted Soluzione di Lavaggio S/28; rinse with clean water before using them again.
Packaging available	5 + 1 liter cans



Varnishes & Finishing

Firestop Pro



Certifications



TOVER[®]



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Fire reaction certification for Euroclasses according to EN13501-1 carried out at the CSI SpA laboratory, Construction Division – Fire Reaction Area. Classification report 1193/DC/REA/23

Application

Sand and possibly fill the wooden floor using a water-based filler such as Idrostucco RS/30 or a solvent-based filler such as Lega Stucco RS/A; finish the sanding cycle with 150-180 grit and carefully clean the surface.

Shake component A well, mix with component B in the exact use ratio (10:2), pouring component B into component A slowly and while stirring.

Wait 10-15 minutes to allow the mixture to react, then apply the lacquer with a roller. For application we recommend the use of medium pile microfibre rollers.

Apply a first coat of Firestop Pro, after 8 – 10 hours sand with fine grain (180 – 220) and apply a second coat. After a further 8–10 hours apply a third coat; it is not necessary to sand between the second and third coat.

Please remember that for the purposes of fire reaction classification, you must apply the quantity of lacquer indicated on the specific certificate.

Note

- Frost sensitive
- Use only the specific hardener for Firestop Pro, do not use the B+ hardener.
- Although the A+B mixture can remain fluid for a few hours, the application must be carried out no longer than the indicated pot-life (4 hours) to obtain a continuous and homogeneous film.

Maintenance

For cleaning and ordinary maintenance of floors treated with this product we recommend the use of Pulito Parquet neutral soap, for periodical maintenance we instead suggest Lux polish.

Safety regulations

Product for professional use. Strictly comply with what is expressed on the labeling and consult the safety data sheets before using the product.

Disposal

Dispose of unused product and empty packaging in accordance with local legislation in force.



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The advice in this technical data sheet is given as an indication and does not in any way engage our responsibility since the methods and conditions of use of the product are beyond our control. We recommend checking the effective suitability for the intended use.

Rev 06 – 21/03/2024. This technical data sheet replaces the previous one.

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