

# Firestop

## Two-component water-based fire-retardant lacquer

Two-component flame-retardant water-based lacquer approved in class 2 according to the Italian standard UNI 9697 and classified C<sub>fl-s1</sub> according to European standard EN 13501-1 related to the reaction to fire. This lacquer is easy to apply and guarantees excellent chemical and physical resistance, long use time and excellent workability. Concerning the surface slipperiness and specular brightness, Firestop meets the requirements of the EN 14904 standard for sports flooring.

### Technical data at 20 °C e 60% R.H.

Mixing ratio	10:2
Mix density	1,050 kg/l
pH	7,5
Pot-life	4 hours
Dust dry	30 minutes
Touch dry	1 hour and 30 minutes
Overcoating	8 – 10 hours
Sanding	8 – 10 hours
Quantity to be applied for EN13501-1 certification – Cfl-S1	300 g/m <sup>2</sup> to be applied in 3/4 coats
Quantity to be applied for UNI 9796 certification - Italian class 2 on wood flooring	145 g/m <sup>2</sup> to be applied in 2/3 coats
Gloss 60°	10 – 15 gloss
Gloss 85°	15 – 20 gloss (Compliant to EN 14904)
Abrasion resistance	11 mg – Taber Abraser, CS10 wheels, 500g, 1000 rev. (Compliant to EN 14904)
Slipperiness according to CEN/TS15676	98,7 mm (Compliant to EN 14342)
Slipperiness according to EN13036-4	109,4 mm (Compliant to EN 14904)
VOC	135 g/litre, cat A/j (WB), límit 140 g/litre (2004/42/CE)
Possible dilution	5% Rallenty or 10% water
Application temperature	> 10 °C
Storage	12 months in original sealed packages at temp. > 10 °C – Frost sensitive
Tool cleaning	Clean the roller immediately after use with water and neutral soap, using a “roller wringer” until the roller is no longer soaked in opalescent liquid; if possible, rinse again with clean water. Store the rollers in appropriately diluted Soluzione di Lavaggio S/28; rinse with clean water before using them again.
Package available	5 + 1 litre cans



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### Certifications



**Fire reaction certification for "Euroclass" according to EN13501-1 carried out at the CSI S.p.A. laboratory, Construction Division - Fire Reaction Area. Classification report 0702 / DC / REA / 10\_3.**

**Fire reaction tests according to UNI9796 carried out at the Ministry of the Interior, Fire Department - Central Directorate for prevention and technical safety – Study and Experience Center. Approval code: TO978PVI200004 dated 04/29/2022; fire reaction class 2 for floor application.**

### Application

Sand and fill with a water-based filler such as Idrostucco RS/30 or solvent-based filler such as Lega Stucco RS A or Lega Stucco RS/20; finish the sanding cycle with a 150 – 180 grit and clean the surface thoroughly.

Shake component A well, mix the two components in the exact ratio of use (10:2) by pouring component B into component A slowly and under stirring.

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

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

Remember that if you need the classification of fire reaction, you must apply the exact quantity of lacquer indicated on the specific certificate.

### Note

Use only the specific hardener for Firestop, do not use the B + hardener.

Although the mixture A + B can be kept fluid for a few hours, the application must be carried out not beyond the indicated pot-life (4 hours) to obtain a continuous and homogeneous film.

### Maintenance

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

### Safety standards

PRODUCT FOR PROFESSIONAL USE ONLY. Strictly respect the information expressed on the label and consult the safety data sheets before using the product.

### Disposal

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



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The information contained in this 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 04 – 02/05/2022. Current Technical Data Sheet replaces the previous one.