

# Sportfloor Skate

## Fire-retardant two-component water-based lacquer for sports floors

Two-component water-based lacquer, fire-retardant classified C<sub>fl</sub>-s1 according to EN 13501-1 standard relating to reaction to fire.

Sportfloor Skate is easy to apply and guarantees excellent chemical-physical resistance, long use time and excellent workability. Thanks to its high mechanical performance it can also be used on sports floors including roller skating.

Its superficial characteristics of gloss and slipperiness comply with the requirements of the EN 14904 standard relating to sports flooring.

### Technical data at 20 °C – 60% r.h

Mixing ratio	10:2 by volume
Mix Density	1,050 kg/litre
pH	7,5
Pot-life of the mixture	4 hours
Dust dry	30 minutes
Touch dry	1 hour and 30 mins
Overcoatable	8 – 10 hours
Sanding	8 – 10 hours
Quantity to be applied according to EN13501-1 – C <sub>fl</sub> -s1 certification	240 g/m <sup>2</sup> to be applied in 3/4 coats
Degree of opacity – 60°	10 – 15 gloss
Degree of opacity – 85°	15 – 20 gloss (compliant with EN 14904)
Abrasion resistance	11mg – Taber Abraser, mole CS10 500g, 1000 rpm (Complies with EN 14904)
Slipperiness according to CEN/TS15676	98.7 mm (Complies with EN 14342)
Slipperiness according to EN13036-4	109.4 mm (Complies with EN 14904)
VOCs	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 packaging sealed at temp. > 10 °C – Protect from frost
Tool cleaning	Clean the roller immediately after use with water and neutral soap using a wringer until the roller itself is no longer soaked in opalescent liquid; if possible, rinse again with clean water. Store the rollers in suitably diluted Soluzione S/28; rinse with clean water before reusing them.
Packs available	5 + 1 litre tanks



Varnishes & Finishing

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### Certificazioni



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## Application

Smooth the floor and eventually fill the cracks using a water-based filler such as Idrostucco RS/30. Alternatively, it is possible to use a solvent-based filler such as Lega Stucco RS/A. Complete the sanding cycle with a 100 – 120 grit mesh and carefully clean the surface.

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

Wait 5 – 10 minutes to allow the mixture to pre – react then apply the lacquer with a roller. For the application we recommend the use of medium hair microfibre rollers.

Apply a first coat of Sportfloor Skate, after 8 – 10 hours sand with a fine grit mesh (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 note that in order to classify the reaction to fire, the quantity of lacquer indicated on the specific certificate must be applied.

## Note

- Frost sensitive
- Use only the specific hardener for Sportfloor Skate, do not use the B+ hardener.
- Although the A+B mixture can stay fluid for a few hours, the application must be carried out no later 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 Sportfloor Cleaner, for extra-ordinary maintenance we recommend Sportfloor Refresh .

## Safety standards

Product for professional use. Strictly comply with the labelling and consult the safety data sheets before using the product.

## Disposal

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



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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 01 – 06/07/2023. This technical data sheet replaces the previous one.