

Idrofloor 2K

Two-component water-based lacquer for resin and microcement floors



Varnishes &
Finishing

Two-component water-based lacquer with high coverage for the protective coating of resin and microcement floors; it can also be used for concrete floors. Easy to apply, it shows excellent resistance to abrasion and all commonly used chemical products. Suitable for internal and external use. Gloss scale: glossy, semi-glossy.

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Technical data at 20 °C – 60 % R.H.

Mixing ratio	5:1 by volume
Appearance	Component A – Milky liquid Component B – Transparent liquid
Mixture density	1.047 kg/litre
pH	7.0
Pot life	4 hours
Dust free	30 minutes
Touch dry	2 hours
Sanding	18 – 24 hours
Possible dilution	Rallenty (max 5%) or water
Yield	12 – 14 m ² /litre
Abrasion resistance after 7 days	21 mg – Taber Abraser, CS10 grinding wheel, 1000 g, 1000 revolutions – Complies with EN 14904
Gloss scale	Glossy 85 – 90 gloss Semi-glossy 30 – 35 gloss
VOC	90 g/litre, cat A _j (WB), limit 140 g/litre (2004/42/EC)
Application temperature	From +5 to +35 °C
Cleaning 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 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.
Storage	12 months in original sealed packaging – Frost sensitive
Packaging available	5 + 1 litre plastic cans

Certifications



Support preparation

Resin flooring: resin flooring must be clean, dry and perfectly hardened before proceeding with lacquering. In the case of non-absorbent floors it is necessary to carefully sand the surface.

Given the great variety of floorings on the market, it is always advisable to carry out a test to evaluate the final appearance of the floor and any incompatibilities between the products. During this phase it is also very important to evaluate the adhesion of the lacquer to the resin floor.

Always consult the resin floor manufacturer's literature before proceeding with painting.



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Microcement or concrete floors: these floors must be clean, dry and free of dust or loose parts. There must be an adequate vapour barrier under the flooring. Before painting, apply a coat of Nanofix to block any residues of dust and regulate the absorption of the lacquer.

Application

Apply two coats of lacquer with a roller or brush with a time gap of 18 – 24 hours between one coat and the other. For application we recommend a microfibre roller with 6 – 8 mm hair. If the application is done within 2 – 3 days it is not necessary to sand between one coat and the other.

Maintenance

For periodic cleaning use our MyFloor Cleaner, to revive the surface as extraordinary maintenance you can use Resinal Wax or SaniPro .

Note

- Frost sensitive
- Wait at least 24 – 48 hours before full walkability.
- The lacquer film reaches maximum physical-chemical performance after approximately 7 days.

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.

Certifications



The advice in this technical data sheet is given for indicative purposes 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 actual suitability for the intended use.

Rev 03 – 21/12/2022. This data sheet replaces the previous one.