

Finitura HD

Let's shine

High performance
hybrid coating

CHARACTERISTICS

FINITURA HD is a transparent high-performance organic-inorganic molecular hybrid coating ideal as a finishing for floors and coatings where high resistance of the protective system is required in terms of resistance to staining and surface hardness (up to five times higher than common epoxy resins). Still ensuring excellent flexibility and resistance to shocks. Thanks to its formulation type, it guarantees absolute reduced drying times reducing the downtime of projects as well as water resistance properties, resistance to alkaline substances, as well as acid and chemical substances in general.

HOW TO USE

PREPARATION OF THE SUPPORT: surfaces must be clean, free from dust, oil, grease, mud, crumbly parts, paint and anything that may harm adhesion. Any metal supports present in the affected areas must be free of rust, rolling slag and impurities.

PREPARATION OF THE PRODUCT: slowly pour **Comp. B** (hardener) into **Comp. A** (base resin), then mix with manual mixer at low rpm, for at least 3 min. it is recommended to avoid air inclusions. If necessary dilute with solvent Ethyleneglycol monopropyl ether.

APPLICATION: with a perfectly clean, dusted and dry surface apply a layer of the previously obtained mixture with a roller. If, after penetration into the substrate, small surface cracks and micro-holes appear, it is necessary to proceed with masking, by means of a rubber squeegee, to seal the above. The masking phase may be avoided depending on the substrate conditions and the operator's own assessment. You can also use an epoxy filler. After drying the filler, it is recommended to have sanding followed. Then mix a new appropriate quantity of product and apply the second layer always with a roller system. In case of harsh environments apply a third transparent protective layer by roller or spray gun depending on the type of work and

Let's shine is a line:

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Finitura HD



Components A + B

GLOSSY

	A 3.5 kg + B 1 kg	A 14 kg + B 4 kg
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MATT

	A 3.7 kg + B 1 kg	A 14.8 kg + B 4 kg
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environment. The interval between the various passes is about 4 hours at 20°C. If this interval is exceeded, it is advisable to carry out a slight sanding and a thorough cleaning of the surface with alcohol, in order to ensure the perfect adhesion of the following hands.

TECHNICAL NOTES: the recommended final thickness is 100 to 300 µm, depending on the conditions of the media itself. Apply the product at temperatures between +5°C and +35°C and relative humidity not exceeding 85%. Failure to meet these parameters can cause the reduction of the glossy effect, drying delay, surface defects, etc. Do not apply to hot, scorched or sun-exposed surfaces. Do not apply abundant hands, because they could cause delays in complete drying and possible unwanted color shades. It is recommended to perform several coats with consumption not exceeding 100/150 g/m². It is recommended to strictly follow the indications given in this data sheet, to avoid the imperfect success of the coating, drying delays, efflorescence or loss of brightness.

The product can turn yellow and lose performance when applied in outdoor locations and direct exposure to the sun.

Performance of the product in operation

Feature	Spec.	Result
Hardness Koenig	EN ISO 1522	80
Hardness of the Buchholz	EN ISO 2815	105
Abrasion resistance Taber (Grinding Wheel CS 10, 1000 turns, 1000g)	EN ISO 5470-1	25 mg

RIPENESS: for drying times (at 20°C) and ripening please refer to the data table below:

Workability time (Pot-life)	Waiting time between hands	Drying time	Pedestrianized with caution	Complete curing
60 minutes	4 to 12 hours	12 hours	24 hours	72 hours

INDICATIVE COVERAGE

0,125 kg/m² per hand, 2 hands recommended.

MIXING RATIOS

Glossy Transparent resin	Matt Transparent resin	Antislip mixture (base + hardener)
A+B= 14 + 4 kg A+B= 3.5 + 1 kg	A+B= 14.8 + 4 kg A+B= 3.7 + 1 kg	Aggregates = 100 : 5

STORAGE

Shelf life of 12 months, if stored in the original packaging, in a dry and moisture free place. Store at temperatures between +5°C and +35°C.

LIMITS OF RESPONSIBILITY

We decline all responsibility for work and damage which might result from improper or incorrect use of the product. The indications supplied with our product specifications and instructions for use are the results of accurate laboratory tests and experience in the field. However, as it is not possible to forward other evidence, when the products are used, these indications shall not be binding and do not imply liability on our part. As well as following good working practices, before applying the product we recommend you read the safety recommendations and the directions on the package. For the best professional results, it is advised to test a small area first, for compatibility with the surface to treat and the desired effect. This preliminary testing is also useful to determine the consumption according to the characteristics of the material the product will be used for and to the type of processing. The reproduction, even partial of this product sheet is forbidden. The data refer to the standards in force at the time of printing, 2013. The company reserves the right to make any changes without notice.

PRODUCT FOR PROFESSIONAL USE

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