

IMPERDRY WATER

Transparent water-repellent waterproofing product for absorbent mineral surfaces

Description: Colourless protective waterproofing and water-repellent varnish with high penetration formulated with water-repellent resins in aqueous emulsion and special additives.

Advantages:

- Water repellent: It creates a barrier that blocks infiltrations and humidity stains, without resorting to radical renovations and thus maintaining the natural breathability and colour of the surface unaltered.
- Fast water-repellent effect.
- Highly resistant and effective pearlescent effect.
- Dries without leaving a sticky surface.
- Water-based product compatible with the environment.
- Excellent resistance to alkalis.
- Restores the existing floor without altering it, does not form surface films.
- Invisible waterproofing.
- Allows the natural transpiration of surfaces does not block the natural porosity.
- Prevents the transport of hygroscopic salts.
- Excellent light stability.
- Allows passage and foot traffic on terraces without deteriorating.
- Avoids the need to demolish tiled floors when this is too labour-intensive.
- Enables treatment of solvent sensitive coatings.

Applications: Surfaces of terraces, balconies, external facades covered with absorbent mineral materials (sandstone, tuff, trachyte, terracotta, etc.), plaster, concrete.

Surface preparation:

- Before applying, make sure that the surfaces are free from dirt, dry and perfectly degreased from previously applied substances such as waxes or the like. Avoid application if bad weather is forecast, as it could negatively affect the proper drying of the product.
- It is advisable to seal any cracks and grout the joints between tiles where necessary.

Application:

- The product is ready to use. For an ideal coverage it is preferable to apply two coats to be applied wet on wet.
- Apply Imperdry Water by brush or spray, taking care to clean the product not absorbed and in excess after a maximum of 30 minutes from its application, using a dry and clean cloth.
- Do not apply on non-absorbent materials, on marble, reinforced concrete for bridges and roads and on plaster.
- We recommend not to apply at temperatures below +10 °C or above +35 °C.
- Drying time varies with temperature and the porosity of the material; generally it is 1 hour.
- Equipment can be washed with water immediately after use.

Consumption: -The yield of Imperdry Water depends on the porosity and absorption of the material to be treated and varies between 3 and 8 m²/L. It is advisable to check the absorption by the surface by carrying out a preliminary test.

Warnings:

- Do not use to waterproof surfaces or containers intended to contain edible liquids, drinking water or which are in contact with solvents or mineral oils.
- Protect from frost, do not expose the packages to temperatures below +5 °C. For further information, request the safety data sheet.

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Packaging: 1, 5, 10, and 20 L plastic containers; 200 L metal drums.

Technical data:

| MAIN CHARACTERISTICS | | |
|--|----------------------------------|---|
| Appearance | | Liquid |
| Colour | | Milky white (colourless when dry) |
| Shelf life in closed original packaging | | 12 months |
| Density (at 20 °C) | EN ISO 2811-1 | (0.97 - 1.03) kg/L |
| Viscosity (Flow time at 20 °C, DIN/4 mm cup) | EN ISO 2431 | 9-12 seconds |
| Drying time | | 30-60 minutes* |
| PERFORMANCE PROPERTIES - EN 1504-2 SURFACE PROTECTION SYSTEMS FOR CONCRETE (H HYDROPHOBIC IMPREGNATION – PRINCIPLES: PI-MC-IR) | | |
| Depth of penetration | EN 1504-2 (Schedule 3 no. 19) | Penetration: < 10 mm |
| | | <i>Class I</i> |
| Water absorption and resistance to alkali | EN 13580 | Absorption ratio compared to the untreated test cube: <7.5% |
| | | <i>Result: compliant</i> |
| | | Absorption ratio after exposure to alkali: <10% |
| | | <i>Result: compliant</i> |
| Drying rate for hydrophobic impregnation | EN 13579 | Drying rate coefficient: >30% |
| | | <i>Class I</i> |

* Measurements have been recorded at a temperature of 23 °C and with 50% moisture. Declared data may vary depending on the thickness of the applied product and on the specific conditions of the construction site: temperature, humidity, ventilation, and absorbency of surfaces.



The advice and technical information provided represent HA ITALIA S.p.A.'s best knowledge of product properties and use. Considering the different situations of use of the products and factors beyond our control (media, working conditions, failure to comply with instructions), we cannot be held responsible for the results obtained. Before using the product, anyone who intends to make use of it is required to determine whether it is suitable for the intended use and assumes full liability for whatever may arise from its use.

HA Italia disclaims any and all liability arising from failure to observe the warnings mentioned in this data sheet and failure to comply with the requirements set out in the safety data sheet.

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