

IMPERDRY

**High-penetration, transparent, water-repellent,
protective waterproofing paint**

- Description:** Solvent-based, colourless protective waterproofing and water-repellent paint, formulated with water-repelling resins and special additives, with high penetration capacity even on less absorbent surfaces.
- 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.
 - Restores the existing floor without altering it.
 - Colourless: Invisible waterproofing.
 - Does not form surface films.
 - Allows the natural breathability of materials.
 - Prevents the transport of hygroscopic salts.
 - Excellent light and acid solution stability.
 - Allows passage and foot traffic on terraces without deteriorating.
 - Avoids demolition of tiled floors when this is very labour-intensive and too expensive.
- Applications:** Terraces, balconies, external facades, concrete and tiled surfaces in stoneware, terracotta, clinker, kerlite and wood (not pretreated). Absorbent stones such as sandstone, tuff, trachyte, terracotta, plasters, etc.
- 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 with mortar where necessary.
- Application:**
- Apply Imperdry 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.
 - The product is ready to use.
 - Drying time varies with the temperature and the porosity of the surface; generally it is 1 hour. The flooring is waterproof after 24 hours but the product is completely dry only after a week.
 - The tools can be cleaned with the common synthetic or nitro thinners.
- Consumption:** -The yield of Imperdry depends on the porosity and absorption of the surface to be treated. The yield for terraces and tiled facades is 3-7 m²/L; for compact bricks and cement 1-2 m²/L; for wood 2-3 m²/L. It is advisable to check the absorption by the surface by carrying out a preliminary test.
- Warnings:**
- Flammable product. Do not use in non-ventilated premises.
 - 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.
 - Do not expose to temperatures over 30 °C, direct sunlight, heat sources, open flames or other sources of ignition.
 - Comply with the information on the safety data sheet.
 - Consult the information at the bottom of this document.
- Packaging:** 1, 5, and 10 L metal pails; 200 L metal drums.

Technical data:

MAIN CHARACTERISTICS		
Appearance		Liquid
Colour		Colourless
Shelf life in closed original packaging		24 months
Closed-cup flash point	ASTM D3828-87	> +23 °C
Density (at 20 °C)	EN ISO 2811-1	(0.76 - 0.81) 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
		Class I
Water absorption and resistance to alkali	EN 13580	Absorption ratio compared to the untreated test cube: <7.5%
		Result: compliant
		Absorption ratio after exposure to alkali: <10%
Drying rate for hydrophobic impregnation	EN 13579	Drying rate coefficient: >30%
		Class 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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