



ITALPAINT 5 AC

TWO-COMPONENT ACRYL-POLYURETHANE NON-YELLOWING FINISH

Features

- Excellent brilliance, hardness and elasticity.
- Excellent resistance to fresh and marine water.
- Excellent resistance to alkaline and acid solutions, to mineral oils, to naphtha and fuel.
- Good flexibility, surface hardness and impact resistance.
- Application temperature from +5°C to +30°C.
- Working temperature from -25°C to +100°C.

Field of use

Decorative protection of reinforced concrete structures like viaducts, bridges, chimneys, prefabricated panels, swimming pools, tanks and metallic structures.

Application

Support preparation

Support preparation is fundamental, thus the surface to be treated must be free of any pollutant, dry, coherent and must have a tear resistance of at least 1,5 MPa. In any case it is necessary, depending on the type of surface, to make a preparation of the flooring by sand-blasting, milling, shot peening, smoothing or sanding.

Free and stagnant water coming from the foundation, from previous washing processes or from meteorological events must be removed or dried.

Iron surfaces must be sandblasted in compliance with SSPC-SP10 to the Sa2^{1/2} grade.

Primer

Concrete surfaces must be covered in advance with **FLOORFIX 44**.

Product preparation

Two-component product to be mixed thoroughly before use until an homogeneous mass is obtained.

Application

It can be applied by roller, brush, spray gun (0,015 inches nozzles and 180 bar pressures) thinning it with max 10 % **DILUENTE PU1**.

Tools cleaning

The tools must be cleaned with **DILUENTE PU1** after use.

Technical data

Colour	RAL colours	-
Density	1,15 ± 0,05 kg/l	EN ISO 2811-1
Viscosity at 22°C	45 ± 10 seconds	ISO 2431 Cup Ø6
Pot life at 22°C	3-4 hours	EN ISO 9514
Mixing ratio <i>Parts by weight of comp. A</i> <i>Parts by weight of comp. B</i>	100 30	-
Theoretical consumption	100 g/m ²	-
Non-volatile-matter content <i>By weight</i>	68 %	EN ISO 3251

Hardening

At 22°C, 50 % R.H.	
- Touch dry	2-3 hours
- Overlaying	10-15 hours
- Complete hardening	10 days

Storage

The product in the original sealed packaging, stored in a dry and sheltered place at a temperature comprised between +5°C and +35°C, is preserved for 12 months.

Safety

In the application of this product it is advisable to use goggles, rubber gloves and all the PPE required by the laws on the use of chemical substances.

For all the additional information consult the material safety data sheet of the product.

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