ard raccanello s.p.a.

TECHNICAL DATA SHEET N° **281**

Code 0.447.0000

overground protect

Satin transparent finish with high performances

GENERAL PROPERTIES

OVERGROUND PROTECT is a professional water-dilutable acrylic enamel, able to assure treated floors with OVERGROUND, satin water based enamel for floors and tiles, in very intense hues too, a really high resistance to abrasion, scratch and footsteps.
Thanks to its high mechanical resistance, is the ideal product to paint floors and vertical surfaces treated with OVERGROUND.
Also usable on concrete, ceramic surfaces, grès, clinker, cotto. Being non-flammable and free of unpleasant odours, OVERGROUND PROTECT is especially ideal in interior.

INSTRUCTIONS

Support preparation

Be sure the residual humidity of the support was not more than 5%, in order to avoid possible detachments. Moreover, verify the support temperature was above 10°C.

- Surfaces treated with OVERGROUND: allow at least 12 hours since the last layer of OVERGROUND, apply two layers of OVERGROUND PROTECT by roller.
- Concrete: be sure the support had at least 1 month of aging and was well dry and without dirt, dust and unsound parts. According to the support's absorption level, apply one or more layers of consolidating insulator ISOLEX W diluted 1:1 with water, mix it well and uniformly apply the product. Allow at least 6 hours before applying OVERGROUND PROTECT.
- Tiles: the surface has to be perfectly degreased, without detergent remains and dry.

Application

OVERGROUND PROTECT gives best results if applied by roller.
The application has to be managed in this way:

- Add a bottle of OVERGROUND ADHESION PROMOTER cod.0.930.000 per each 0,750 litre pack and 3 bottles with the 2,5 litres pack.

Mix it properly and, after about10 minutes, proceed with dilution if needed.
The adhesion promoter will result effective no more than 3 days, you simply redose.

- Dilute up to 5% in drinking water volume and apply with a roller for water based enamels, applying the product uniformly and in a thin layer.
- Dilute up to 5-8% in drinking water volume for applications by brush (on small surface areas).
- Allow at least 6 hours and proceed with the application of the second layer. If the additional layers are applied after more than 2 days, it would be recommended to previously sand the painted surface.
- For a uniform aesthetic result, OVERGROUND PROTECT must be applied wet on wet, applying it regularly and avoiding overlapping again on parts already dried.
- Clean the surface treated with OVERGROUND PROTECT with neutral detergents alcohol free.
- Avoid water stagnations, in particolar during the first week after the application.
- Do not apply on shower trays or tiling interested by water stagnations.
- When painting outdoor floors, be sure the minimum slope was 1%, in order to ease the water drainage.
- The best chemical resistance to detergents and disinfectants are reached after minimum 15 days since the application.
- Do not apply if air or support temperature is below +10° C or above 35° C; avoid the application in direct sunlight. The drying is normally completed at 20°C after about 24 hours.
- Store the product in cool, frost free premises.
- Wash equipment immediately after use with water. Use in compliance with current Health & Safety Regulations. Do not release the containers into the environment.
- For further information refer to MSDS.

TECHNICAL DATA

SPECIFIC WEIGHT WHITE		**1040 ± 15 g/l**
VISCOSITY AT 20°C		**3000 ± 500 cP**
NATURE OF BINDER		**acrylic polymers**
GLOSS LEVEL (Gardner Glossmeter at 60°)		**35 ± 5**
DRYING AT 20 ° C	DUST FREE	**1 h**
	TOUCH DRY	**3 h**
	THROUGH DRYING	**48 h**

YIELD

The product yield can vary according to the support absorption; for the two layer application cycle on OVERGROUND, the approx. yield is 7,5 m²/l.

TENDER TECHNICAL SPECIFICATIONS

SATIN TRANSPARENT FINISH WITH HIGH PERFORMANCES. Application, on surfaces already prepared with two layers of water-dilutable enamel based on acrylic polymers, as OVERGROUND PROTECT, with a minimum consumption of 0,130 l/m² .
€/m².

The data herein were correct at the time of Quality Control and refer to standardized environmental conditions. The same are to be considered as a guide.
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