



From Project to Jobsite

Anti-dust treatment for concrete

Tecnofix Antipolvere Transparent

Description

Mono component product based on styrene acrylate polymers in solvent, not filled, transparent, air rapid drying.

characteristics

Liquid with low viscosity
Excellent properties of penetration
Easy to apply
Excellent compatibility with the supports containing cement.
Resistant to abrasion and with considerable water resistance .

use

For anti-dust treatment for cement based floors constructions with foot traffic or carriages with rubber wheel, for the elimination of dust or to facilitate the cleaning of the floor..

application

Tools: brush or a roller with short hair. Airless spray with nozzle 21/23
Temperature of application: 5 ÷ 35 °C and relative humidity max 60 %.
To clean the tools with: solvent for acrylic resins.

METHOD OF USE

PREPARATION OF THE SUBSTRATE

Prior the application of the protective coatings, it is necessary to verify the condition of the cementitious substrate: it must be clean and oil free, without fats, delaminating particles and free from cracks and discontinuities. The preparation of the substrate should be done choosing the proper following procedures:

- Elimination with proper equipment of the superficial dust when the substrate seems in good condition. Vacuuming and/or washing with pressured water is always recommended.
- Repair or level with cement based mortars or resin based materials, when the substrate has cracks or anomalies. In any case, apply the coating only on de-dusted and sound substrates;
- Sandblast or shotblast with steel abrasive grit is needed in case of not-cohesive parts.

Avoid the application on substrates contaminated with oil and/or greases.

APPLICATION

Make sure the room is well ventilated and follow the recommendations stated in the Material Safety Data Sheet on the use of PPE (Personal Protective Equipment).

After preparation of the substrate, continue with the application of **Tecnofix Antipolvere**, in 2 layers, as follows:

- mix the product for 1 minute, manually. Next pour into a pail.
- Apply by short haired roller, or by brush, or eventually for big areas by airless spray
- Wait till the film is dry, and apply a second layer.

DO NOT APPLY AT TEMPERATURE LOWER THAN 5°C.



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APPLICATION CONDITIONS

Temperature substrate	: +5 °C / +35 °C
Humidity substrate	: ≤ 3%
Ambient temperature	: +5 °C / +35 °C
Relative ambient humidity	: max 60%
Dew point	: the substrate and the product must be at a temperature of minimum 3 °C above the dew-point to reduce the risk of condensation

PACKAGING

Pails of 20 kg

STORAGE

Can be kept for 12 months after production date, in the original and well closed packaging, stored at temperature between + 5 °C and + 35 °C.

TECHNICAL CHARACTERISTICS

APPLICATIVE CHARACTERISTICS at 20 ± 2 °C	TEST METHOD	UNIT OF MEASUREMENT	TYPICAL VALUES
Solid content in weight	-	%	~ 13
Consumption per layer	-	g/m ²	150
Final dry thickness (per 150 g/m ²)	-	μ	~ 20
Specific weight	EN ISO 2811-1	kg/l	~ 0,90
Touch dry	I – 54 (internal)	hours	~ 1
Complete drying	-	days	~ 3
CARATTERISTICHE PRESTAZIONALI	TEST METHOD	UNIT OF MEASUREMENT	TYPICAL VALUES
Depth of penetration	EN 13579	mm	~ 0,5
Capillary Absorption and permeability	EN 1062-3	kg/m ² x h ^{0,5}	0,15

The above data are based on our actual and most experienced practical and laboratory knowledge and the results are collected from application of the product in different situations. Tecnochem Italiana does not assume any responsibility regarding inadequate or negative performance as a result of improper use of the product or for defects deriving from factors or elements other than the quality of the product including improper storage. The technical characteristics and performance mentioned in this datasheet are updated periodically. The revision dates and number of revision of the datasheets are listed in the table below. Eventual variations are traceable on our website www.tecnochem.it where the most updated datasheets can be retrieved.

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