





From Project to Jobsite

Primer for protective coating cycle for concrete

Tecnoriv AC 100 primer **Transparent**

- Description*  Impregnating primer based on methacrylates in solvent, one component, unfilled, transparent, fast air-drying.
- Characteristics*  Excellent adhesion on cement based substrate.
Very high resistance to carbon dioxide diffusion.
Good water vapour permeability.
- Use*  For the realization of coatings of low thickness, for the protection of concrete structures from aggressive atmospheres (carbonation) and weather.
- Application*  *Tools:* by short haired brush or roller or by airless spray with 21/23
Temperature of application : 5 ÷ 35°C and relative humidity max 60%.
Cleaning tools : solvent for acrylics

METHOD OF USE

PREPARATION OF THE SUBSTRATE

Prior to proceeding with the application of the protective coating, it is necessary to verify the condition of the cementitious substrate: verifying if clean and absent of oil traces, greases, delaminating particles, free from cracks and discontinuities. Continue with the preparation of the substrate choosing the best-suited procedure accordingly:

- Elimination with proper equipment of the superficial dust when the substrate seems in good condition. Recommended are vacuum aspiration and/or washing with pressured water.
- Repairing or fairing of the substrate by use of a resin or cement based material, in case the support has cracks or defects.
- Apply only on dustfree and cohesive substrates.

Do not apply on substrates impregnated with oils and grease.

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).

Proceed with the application of **Tecnoriv AC 100**, as follows:

- mix the product in the pail for 1 minute by manual agitation, and pour into a recipient;
- apply by short haired paint roll, in case of larger areas, by airless spray equipment;
- wait the drying of the applied paint layer before proceeding with the application of the finishing coat.

Do not apply when the temperature is lower than +5°C.



Very
High
Durability
Repair &
Prevention
Systems



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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 shall be at a temperature minimum 3°C higher than the dew point to avoid the risk of condensation.

PACKAGING

Pails of 25 lt

STORAGE

Store the original and unopened packaging at a temperature between + 5°C and + 35°C. Product can be kept 12 months from the production date.

TECHNICAL CHARACTERISTICS

APPLICATIVE CHARACTERISTICS at 20 ± 2°C	TEST METHOD	UNIT OF MEASUREMENT	TYPICAL VALUES
Solid content in weight	-	%	10 ± 1
Consumption	-	g/m ²	100
Total final dry thickness (for 100 g/m ²)	-	μ	~ 10
Specific weight	EN ISO 2811-1	kg/l	~ 0,90
Touch dry	I - 54 (internal)	minutes	~30
Adhesion by direct tensile (cycle Tecnoriv AC 100)	EN 1542	N/mm ²	> 4

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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