

New Primer

Water-based bituminous primer

Technical specifications

New Primer is a water-based fixing primer formulated with bitumen in aqueous emulsion and special additives.

New Primer is an eco-friendly, solvent-free product designed to protect human health and the environment; it is odorless, non-flammable, and non-toxic. It blocks dust and porosity in concrete.

New Primer is primarily used as a bonding agent to facilitate the installation and hot adhesion of bitumen-polymer membrane rolls, ensuring strong anchorage to the substrate, or for the application of liquid bituminous membranes on concrete structures such as viaducts, bridges, foundation walls, and roofs of civil and industrial buildings.

New Primer is suitable for consolidating concrete, wood, and metal surfaces, and for the protection and waterproofing of both exposed and buried metal pipes and tanks.

New Primer is especially recommended for waterproofing works in inhabited areas where the use of solvent-based products is discouraged.

It offers excellent adhesion and penetration on all dry concrete surfaces.

New Primer has the advantage of not being sticky once dried.

Instructions for use

New Primer is ready to use.

Stir before application.

No dilution with water is required.

Clean the surfaces to be treated: they must be dry, uniform, and solid.

Make sure to remove dust, any loose or crumbling parts, release agents, paints, and rust. Concrete surfaces must not have been previously treated with evaporation retardant compounds.

The surfaces to be treated must be completely dry.

Avoid application under adverse weather conditions that could negatively affect the proper application and drying of the product.

Apply at temperatures between +5°C and +35°C, avoiding extreme hot or cold environmental conditions during application and drying of the bituminous film.

Application

Apply by brush, broom, roller or spray.

The tools used can be cleaned with water or common synthetic thinners.

Consumption

The consumption of **New Primer** is approximately 100÷300 g/m², depending on the porosity and absorption of the substrate.

Warnings

Bitumen-polymer membranes should only be applied once the treated concrete is completely dry. Do not apply in extreme hot or cold temperatures, either of the environment or the surface. Check the residual moisture content of the concrete substrate before use (preferably $\leq 5\%$ by weight, for screeds with a density of 2000 Kg/m^3), in accordance with UNI 10329. Do not apply to waterproof surfaces or containers intended to hold food-grade liquids, drinking water, or that may come into contact with solvents or mineral oils. Protect from freezing: do not expose containers to temperatures below $+5^\circ\text{C}$; once frozen, the product cannot be recovered. Store in a cool, dry area in the original closed containers. The product is stable for up to 12 months in unopened original containers. Always carry out a preliminary test before use. Handle in accordance with standard safety and industrial hygiene practices. Prevent release of the material or its packaging into the environment. Refer to the Material Safety Data Sheet (MSDS) for detailed handling and safety instructions. Additional information is provided at the end of this document.

Packaging

Buckets 5L
Buckets 15L

CHEMICAL AND PHYSICAL PROPERTIES

Physical state		Liquid
Colour		Brown
Smell		Characteristic
Closed-cup Flash Point	ASTM D3828-87	Non-flammable
Density (T= 20°C)	UNI EN ISO 2811-1	$1,00 \pm 0,03 \text{ Kg/L}$
Solid content (T= 130°C)	UNI EN ISO 3251	$[35 \div 45]\%$
Viscosity (Flow time T= 20°C , Φ mm cup)	UNI EN ISO 2431	20÷25 seconds
Dust-free drying time		10 minutes*
Complete drying time		30÷90 minutes*

*Values recorded at T= 23°C and 50% relative humidity. Results may vary depending on the thickness or amount of product applied, as well as site-specific boundary conditions such as temperature, humidity, ventilation, and substrate absorption.

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