

Edilsan-Sol

Transparent Hydrophobic Siloxane Impregnator

Technical specifications

Edilsan-Sol is a transparent hydrophobic impregnator based on selected solvent-based hydrophobic resins and special additives.

Thanks to its specific chemical formulation, **Edilsan-Sol** penetrates the treated substrate, making the surface water-repellent and eliminating infiltration problems. It allows the substrate to breathe while maintaining the original color of the treated surface.

Edilsan-Sol is used to protect and repair vertical or sloped surfaces such as exposed concrete and natural stones from the action of driving rain. It does not alter the aesthetic appearance of the substrate, does not create a wet-look effect, and allows to breathe without forming any surface film.

Instructions for use

Edilsan-Sol is ready to use.

Stir before application.

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 and paints.

The surfaces must be completely dry before application.

Avoid foaming and ensure full absorption without pooling.

The surfaces to be treated must be completely dry.

Do not apply in adverse weather conditions that may negatively affect the application, spreading, or drying of the product: impending rain, dew, fog, or frost may wash away or prevent proper adhesion of **Edilsan-Sol** to the treated surface.

Apply evenly, ensuring full absorption.

Remove excess product with a cloth during application.

Application

Apply by brush, pad, roller, or low-pressure sprayer.

Preliminary testing on the surface is recommended.

Depending on the substrate's absorbency, apply one or two coats, allowing the product to dry completely between coats (12 hours), at temperatures between +5°C and +35°C.

Protect from rain for at least 24 hours after application.

Consumption

Theoretical coverage of **Edilsan-Sol** on tiled surfaces is approximately 10-15 m²/L; on compact bricks and concrete is approximately 1-2 m²/L; on wood is approximately 2-3 m²/L. Always check substrate absorbency and porosity with a preliminary test.

Warnings

Do not apply on hot, damp, or wet substrates as this may negatively affect product performance.

Do not expose to temperatures $>+30^{\circ}\text{C}$, heat sources, open flames, or other ignition sources.

Store in a cool, dry area in the original closed containers.

The product is stable for up to 24 months in unopened original containers.

Flammable product: keep away from direct sunlight, heat sources, open flames, and sparks.

Avoid contact with and inhalation of vapors during handling.

Always perform 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

4-pack boxes 5L

Buckets 20L

CHEMICAL AND PHYSICAL PROPERTIES

Physical state		Liquid
Colour		Colourless
Smell		Characteristic
Closed-cup Flash Point	ASTM D3828-87	$<23^{\circ}\text{C}$
Density (T= 20°C)	UNI EN ISO 2811-1	$0,88\pm 0,03 \text{ Kg/L}$
Viscosity (Flow time T= 20°C , DIN/4 mm cup)	UNI EN ISO 2431	$9\div 12 \text{ seconds}^*$
Dry-to-touch time		4 hours*
Full drying time		24 hours*

*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.

Technical Data Sheet code: 2216-Revision 01 of 01/07/2025

Via G. Galilei 39 • 35035 Mestrino (PD) • tel +39 049 904 8611 • fax +39 049 900 1695

www.multichimica.it • mailbox@multichimica.it

