



## MEEXE SEALANT XTREME



**Meexe Sealant Xtreme** is a two-component water-based polyurethane varnish with excellent chemical resistance and high performance for protecting microcement. It is particularly recommended as a microcement sealant in wet areas such as bathrooms, high-traffic areas and outdoor spaces.

Available in gloss, satin and matt finishes.

### PROPERTIES

- Easy to apply.
- Excellent resistance to chemicals and water (see table).
- Drying time: 18-36 hours between layers.
- Good resistance to abrasion and scratches.
- Does not yellow under the action of sunlight.
- Compatible with a wide range of media.

### PERFORMANCE

**Meexe Sealant Xtreme** (2 layers) 0.15 L/m<sup>2</sup>

### USES AND FIELDS OF APPLICATION

Two-component polyurethane varnish for protecting and sealing surfaces with decorative finishes. Formulated with hydroxylated polyester resins and water-based isocyanates, which give it extraordinary performance. It offers high transparency and remarkable resistance to yellowing.

The varnished backing is sealed, while maintaining its breathability to water vapour. It is highly resistant to wear, dirt and certain chemicals. Ideal for application on our microcement systems, lime mortars and conventional cement. It provides a very natural finish on wood, protecting it from wear and tear and inclement weather. For renovating parquet flooring and as a transparent protective varnish for walls, floors and pavements in general. As a sealant, it waterproofs microcement against running water (occasional contact), but it is not a waterproofing agent against standing water (permanent contact).

Consult the chemical resistance table to proceed with cleaning the microcement coating, depending on the substances that may be spilled on it.

### MIX

Shake component A before use to homogenise the product and leave to stand for 30 minutes. Then mix the two components by stirring at low speed in a ratio of 3 parts (in kg) of **Meexe Sealant Xtreme** Component A to 1 part of **Meexe Sealant Xtreme** Component B (catalyst). The pot life of the mixture (component A + component B) is 60 minutes at 20°C.

### TECHNICAL DATA

- Colour: colourless, transparent (in dry film)
- Appearance: glossy, satin, matt.
- König hardness (14 days curing): 200 seconds
- Total solids (A+B): 42 ±1%

## CHARACTERISTICS OF COMPONENT A

- Water-based polyacrylate dispersion and aliphatic diisocyanates
- Solids: 22±2%
- Viscosity (CF - 4): 25±3s at 25°C
- pH: 7-8

## MAINTENANCE

- Before wetting, allow the polyurethane to dry for at least one week.
- Polyurethanes achieve their full chemical properties after two weeks.
- Do not use detergents or cover for at least two weeks.
- Clean with a damp cloth and our detergent.
- **Meexex Cleaner** or, failing that, mild soap to prolong the life of the sealant. Do not use aggressive cleaning products such as bleach, acetone or hydrochloric acid.
- Do not place any type of carpet/doormat before the 15-day curing period has elapsed.

## APPLICATION

Prior to sealing with **Meexex Sealant Xtreme**, it is recommended to use a primer (**Meexex Cover**). For best results, apply two layers of **Meexex Cover**, allowing 4 hours drying time between layers. After 12 hours, apply 2 layers of **Meexex Sealant Xtreme**, allowing 18-36 hours drying time between layers. It is necessary to respect the drying times, as otherwise chemical resistance may be reduced, gloss may be diminished in the case of satin and gloss finishes, or surface defects may appear due to repellency.

Both **Meexex Cover** and **Meexex Sealant Xtreme** should not be applied at temperatures below 15°C or above 30°C, as low temperatures and high ambient humidity delay drying and impair the appearance of the coating.

The first layer is sanded with 400-grit sandpaper, and the last layer does not require sanding. Check adhesion in a corner or hidden area before proceeding with total varnishing. Allow the polyurethane to cure for at least one week. Polyurethanes reach their full chemical properties after 7-14 days, depending on environmental conditions (humidity and temperature).

It can be applied using a spray gun, brush or roller, covering the surface thoroughly.

## PRESENTATION

It comes in 3L (Component A) + 1L (Component B) containers.

## CHARACTERISTICS OF COMPONENT B

- Aliphatic diisocyanate
- Solids: 100%
- Flash point: 105°C
- Density at 25°C: 1.045 - 1.055 g/mL

## PREPARING THE SUPPORT

Before varnishing, the surface must be properly prepared. It must be dry, clean and free of dust, grease or dirt. If it has been previously varnished or painted, the old coating must be removed, especially if it is damaged or deteriorated. This can be done by sanding or stripping, ensuring that the surface is left in good condition. If repair, consolidation or sealing of joints is required, proceed before applying the primer.

On mineral, cementitious or microcement surfaces, it is recommended to apply **Meexex Cover** beforehand. Apply two layers of **Meexex Cover** and allow at least 12 hours to elapse before sealing with **Meexex Sealant Xtreme**.

In the case of wood, first seal with a wood filler lacquer and sand according to the manufacturer's instructions. Then apply two layers of **Meexex Sealant Xtreme**.

## SPECIAL PRECAUTIONS

Follow the instructions on the safety data sheet. It is recommended that the following measures be followed:

- Good ventilation.
- Safety goggles to prevent splashes.
- Rubber gloves.

In case of contact with eyes, rinse thoroughly with water for 15 minutes. In case of contact with skin, wash with soap and water. Do not ingest. If swallowed, do not induce vomiting and seek medical attention immediately. Do not dilute with water. Empty containers must be disposed of in accordance with current legal regulations. Keep out of reach of children.

## CLEANING OF TOOLS

Tools should be washed with soap and water immediately after use.

## PRODUCT LIFESPAN

The pot life of the mixture (component A + component B) is 60 minutes at approximately 20°C.

## TEST REPORT

### Resistance to liquids.

#### Medium absorption method UNE EN2812-3/UNE EN13442

Appearance	Assessment
No visible changes (no damage).	5
Slight change in brightness or colour, visible only when the light source is reflected on the test surface or very close to the mark and reflected towards the observer's eye, or the presence of a few isolated marks that are barely visible.	4
Moderate mark visible from different angles, for example, the entire outline of the filter paper is barely visible.	3
Significant mark, but the surface structure remains unchanged.	2
Significant mark, altering the surface structure or removing the material from the surface, either totally or partially, or the filter paper adhered to the surface.	1

Substance	Mate			Satin finish			Brightness		
	Time								
	3h	8h	24h	3h	8h	24h	3h	8h	24h
Water	5	5	5	5	5	5	5	5	5
Bleach	5	5	5	5	5	5	5	5	5
Soda ash 30%	5	5	3	5	4	3	4	4	2
Oil	5	5	4	5	5	5	5	5	5
Vinegar	5	5	4	5	5	4	5	4	2
Hydrochloric acid (HCl)	3	3	2	4	4	2	4	4	2
Wine	5	4	4	5	5	5	5	5	3
Soap 10%	4	4	4	5	5	5	5	5	4
Soap 10% 4 days			4			4			4

## STORAGE CONDITIONS

The product should be stored in its original sealed container and protected from the elements at temperatures between 10°C and 30°C, in a dry, well-ventilated place, away from sources of heat and direct sunlight. The shelf life is 1 year from the date of manufacture, when stored properly.

The product must not be used for purposes other than those specified without first obtaining written instructions on its use. It is always the user's responsibility to take the appropriate measures to comply with the requirements established in the legislation.

The product's Safety Data Sheets are available to users.



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