



topciment.com

# TopSealer®



## TopSealer Pro+ Fast Two-component 100% solids varnish

TopSealer® Pro+ Fast is a two-component 100% solids varnish based on a combination of polyaspartic resins (component A) and polyisocyanate (component B). It is suitable for the protection of microcement in interiors and exteriors.

TopSealer® Pro+ Fast is designed to be applied in a single layer, as it penetrates completely into the pores leaving a total seal, giving outstanding performance.

### Properties

- Recommended for the protection, sealing and decoration of microcement and concrete floors, both outdoors and indoors.
- Unprimed, fast drying in one layer (approx. 2 - 3h at 23°C, 50% wt)
- Good resistance to water and chemicals.
- High hardness and excellent abrasion resistance.
- High transparency and resistance to yellowing due to its aliphatic nature.
- Intensifies and enhances the colour of the substrate.
- Application with methacrylate or biflex anti-burn trowel.

### Performance

Yield in a single layer is 60 - 100 g/m<sup>2</sup>.

### Technical data

PROPERTIES	SPECIFICATION	UNIT	METHOD
Nature comp A	Polyaspartic Resin		
Density comp A	1,07±0,05	g/cm <sup>3</sup>	UNE-EN ISO 2811-1
Viscosity at 23°C comp A	843± 100	mPa-s	EN ISO 3219
Nature comp B	Aliphatic polyisocyanate		
Density comp B	1,10±0,05	g/cm <sup>3</sup>	UNE-EN ISO 2811-1
Viscosity at 23°C comp B	550 ± 150	mPa-s	EN ISO 3219
Finishing	Brightness		
Abrasion Taber (CS17, 1000g, 1000c)	35	mg	UNE 48250
Hardness Persoz 7 days	150		UNE-EN ISO 1522
Pot life mix	15	min	
Application temperature	From 10°C to 30°C		
Drying time between layers	2-3	hours	
Total curing time	7	days	

## **CHEMICAL RESISTANCES:**

\*Legend

5: No visible change

4: Slight change, only visible with light change

3: Moderate visible mark

2: Significant mark without affecting surface structure

1: Important mark, affects the surface structure

The results obtained are based on an application of 1 layer of varnish, 7 hours between layers and after 7 days of application. The contact with the chemical agent tested was 1,3,8 and 24 hours

PRODUCT	TOPSEALER PRO+			
	1H	3H	8H	24H
WATER	5	5	5	5
SOAP	5	5	5	5
LEJÍA	5	5	5	4
VINEGAR	3	3	2	2
AMMONIA CLEANING	5	5	4	4
ALCOHOL (70°)	4	3	3	2
SALFUMAN	3	3	2	2

## **Application**

### 1. PREPARATION OF THE SUBSTRATE

Before varnishing, the substrate 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 previous coating must be removed, especially if it is damaged or deteriorated. This can be done by sanding or stripping, making sure to leave the surface in good condition. If repair, consolidation or joint sealing is required, proceed prior to the application of TopSealer® Pro+.

### 2. PRODUCT PREPARATION

2.1. Gently shake Component A to homogenise the contents before use.

2.2. Mix 100 parts of component A (TopSealer® Pro+ Fast A) to 80 parts of component B (TopSealer® Pro+ Fast B) by manual stirring at low speed. Pour component B into component A, homogenising the mixture. Once mixed, use immediately.

**IMPORTANT:** After combining the two components an exothermic reaction takes place, by slightly heating the mixture, the pot life of the mixture is 15 minutes. If the mixture needs to be repeated, do not pour the mixture into the same container as the previous mixture as the reaction may be accelerated.

The packaging of both components respects the proportions of the mixture for ease of preparation, TopSealer® Pro+ Fast A: 0.8kg and TopSealer® Pro+ Fast B: 0.64 kg.

### 3. PRODUCT APPLICATION

Apply one layer with a methacrylate or anti-burn trowel, stretching the material well to leave a thin layer. Once applied, the drying time is 2-3 hours, depending on the ambient temperature and humidity.

It has been proven that there is good adhesion and compatibility between Topciment sealers; TopSealer® WT Pro+ Fast and TopSealer® WT One Coat or TopSealer® WT Dragon. Therefore, if TopSealer® WT One Coat Matte or Dragon Matte needs to be applied over a substrate sealed with TopSealer® Pro+ Fast in order to reduce gloss, only a light sanding with 400 grit sandpaper is required before applying the layer of TopSealer® WT One Coat or Dragon Matte. Please note that the resulting gloss will depend on the gloss level of the first layer. With one layer of TopSealer® WT One Coat or Dragon Mate a satin finish is achieved and with two layers a matt finish is achieved. In addition to TopSealer® WT One Coat or Dragon, TopSealer® WT Pro+ Fast is also compatible with TopSealer® 100, however, with TopSealer® 100 Matt, it is sufficient to apply only one layer to achieve a matt finish.

As a sealer, it waterproofs the microcement against running water (occasional contact), but it is not a waterproofing agent against watertight water (permanent contact). In the case of soap or detergent residues, rinse immediately, as these can cause marks or grooves to appear.

## Special precautions

Apply in a well ventilated area away from heat sources. Keep container tightly covered when not in use.

Store in original closed containers, away from sources of ignition, under cover in a cool, dry and well-ventilated area, at a temperature below 30°C. In case of product contact with heat sources or exposure to fire, use dry chemical extinguishing agents.

Do not pour into drains, onto the ground, into streams or rivers. In case of leakage or spillage collect material in containers to avoid contamination of water sources or sewers. Dispose of waste in accordance with local rules and regulations. Empty containers should be disposed of in accordance with current legislation

It is essential to follow the instructions on the label of the container. For further information, please refer to the safety data sheet of the product.

## Packaging

TopSealer® Pro+ Fast comes in packs: 0.8 kg (component A) + 0.64 kg (component B)

## Cleaning of tools

The tools are washed with universal solvent.

## Storage conditions

The product should be stored in its original closed packaging and protected from the weather at temperatures between 10°C and 30°C, in a dry and well-ventilated place, away from heat sources and direct sunlight. The shelf life is 6 months from the date of manufacture, if properly stored. Once opened, the product should be used immediately.



The product must not be used for purposes other than those specified, without first having written instruction in its handling. It is always the responsibility of the user to take appropriate measures in order to comply with legislative requirements. The Safety Data Sheets of the product are available to the professional.

last edition: July 2024