

# SMART SYSTEM

**SMARTCRET DO IT YOURSELF** IS A READY-TO-USE MICROCEMENT THAT IS EASY TO APPLY, IDEAL FOR DIYERS. IT IS SUPPLIED PIGMENTED.

It has been formulated with acrylic binders, controlled grain size mineral fillers and UV resistant additives and pigments. Its exclusive formula guarantees its execution in large surfaces without the appearance of fissures.

It can be applied on non-absorbent surfaces such as tiles, terrazzo

or marble, and on absorbent ones such as plaster, cement or plasterboard. The application is made in thin layers by using a trowel. It is suitable for interior applications and for floors and walls.

SMARTCRET Do It Yourself is available in four versions according to its granulometry: **Smart Base** and **Smart Medio**.

## PROPERTIES

- Ready to use, no need to mix various products. Just open, stir and apply.
- Easy to apply.
- Fast drying.
- Abrasion resistance.

Compatible with conventional tintometric system.

- Wide range of colors and effects.

## SURFACE PREPARATION

Before applying the ready-to-use microcement, the proper primer must be applied to the surface (depending on whether the surface is absorbent or non-absorbent) to facilitate the bond between the substrate and the new microcement.

For absorbent substrates such as cement, cardboard, plasterboard, gypsum or lime plaster we will use the ABS Smart Primer. Apply one coat by roller or brush and let it dry for approximately 30 minutes. Consumption: 0,10 L/m<sup>2</sup>.

For non-absorbent substrates such as terrazzo, marble or tile, we will use the Smart Primer GRIP. Apply one coat by roller or brush, let dry 2-4h. Consumption: 0.25 L/m<sup>2</sup>.

	SMART BASE	SMART LISO
<b>Appearance</b>	Paste	Paste
<b>Granularity</b>	0,35 mm	0,125 mm
<b>Density</b>	1,65 g/cm <sup>3</sup>	1,63 g/cm <sup>3</sup>
<b>Consumtion per layer</b>	0,9 kg/m <sup>2</sup>	0,250 kg/m <sup>2</sup>
<b>Max. thickness per layer</b>	0,8 mm	0,3 mm
<b>Taber abrasion</b>	42 mg	
<b>Shore D Hardness</b>	45	

For the tests the following materials have been applied:  
2 layers of Base + 1 layers of Liso + 2 layers of varnish

# SMART BASE

## PREPARATION

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Before starting the application it is necessary to manually stir **Smart Base** with a spatula or with a mechanical mixer. Apply two coats with a steel trowel (maximum 1 mm of coat).

Let each layer dry for approximately 6 hours, depending on the temperature and humidity. Sand between coats with 40 grit sandpaper.

**Important:** drying can be forced by a room heater, as long as it is NOT pointed directly at the coated surfaces.



# SMART LISO

## PREPARATION

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Before starting the application it is necessary to remove **Smart Liso** manually with a spatula or with a mechanical shaker.

Apply two coats with a steel or rubber trowel, depending on the desired finish. Let each coat dry for approximately 6 hours, depending on the temperature and humidity. Sand between coats with a 220 grain sandpaper.



## READY-TO-USE MICROCEMENT PROTECTION

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### Application of Smart Varnish, one-component polyurethane sealant.

Apply on the microcement once it is dry, approximately 24 hours after the last coat.

Apply 3 coats in one day, allowing 2-3 hours between coats.

We recommend sanding the first and second coat with 400 grain sandpaper.

## PACKAGING

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6 and 15 kg bucket

## STORAGE CONDITIONS

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It should be stored in its original closed container 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 time of use of the product is one year from its date of manufacture, provided it is properly stored.

## CONSUMPTION

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5 m<sup>2</sup>/L (3 coats/layers)

**Important:** The varnish significantly enhances the color of ready-to-use microcement coatings. The maximum performance of the varnish is reached 7 days after the application.

## TOOL CLEANING

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Tools should be washed with water immediately after use. Once hardened, the material can only be removed by mechanical means.



The product should not be used for purposes other than those specified without first having instructions in writing. It is always the user's responsibility to take suitable measures in order to comply with the requirements established in local legislation. Product safety sheets are available for professionals.

This technical data sheet will be valid until a new edition appears.

**Last updated: December 2020**