



EFFECTO QUARTZ



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Ready-to-Use Microcement

Effecto Quartz is a decorative, durable and ready-to-use continuous coating. It is available in four grain sizes: Super Grain, Big Grain, Medium Grain and Small Grain.

Properties

- Continuous seamless cladding (always respect expansion joints).
- It can be applied on almost any type of support: concrete, cement, tiles, ceramics, plaster, plasterboard, etc., allowing the renovation of any room in vertical and horizontal planes.
- Good abrasion resistance and low water absorption.
- Ready-to-use product for interior use, excellent workability, easy application.
- Wide range of colours.

Technical information

Properties	Small Grain	Medium Grain	Big Grain	Super Grain
Yield Kg/m ²	0,250	0,450	0,900	1,300
Max. thickness per layer	0,3 mm	0,5 mm	0.8 mm	1.0 mm
Features	Acrylic Paste	Acrylic Paste	Acrylic Paste	Acrylic Paste
Non-volatile contents % UNE-EN ISO 3251:2020	78-80	78-80	78-80	78-80
Density (g/cm ³) UNE-EN ISO 2811-1	1,6±0,1	1,6±0,1	1,6±0,1	1,6±0,1
Taber Abrasion (mg) (CS17, 1000g, 1000c) UNE 48250	376	139	106	94
Volatile organic compound (VOC) (g/L)	16	16	16	16
Sandpaper grit	220	120	40	40
Drying time between layers (h)	4-8	4-8	4-8	4-8

Certifications

Tests CE Marking according to harmonised standard EN 1504-2:2004	Services	Harmonised standard test
Determination of the permeability to liquid water	w = 0,03 kg/(m ² h ⁰⁵) W3	UNE-EN 1062-3:2008
Determination of water vapour permeability	Class I	UNE- EN ISO 7783:2019
Determination of adhesion by direct traction	1.0 MPa (Rigid systems without traffic loads)	UNE-EN 1542:2000

Preparation of the support

All surfaces must be level and consolidated. The surface to be coated must be clean and dry. It must be free of dust, grease, soaps, paint in bad condition, etc.

The use of a primer such as **PRIMACEM GRIP** or **PRIMACEM PLUS** is recommended to ensure perfect anchorage to the substrate in the case of a non-absorbent surface. On the other hand, for absorbent surfaces it is recommended to use our **PRIMACEM ABS** primer, for both cases see technical data sheet for correct application. In tiles and other coverings with joints, it will be necessary to cover these joints previously with **PRIMACEM JOINT** and leave to dry for 12-24 hours before applying the primer. For correct application, see the product data sheet.

Depending on the ambient temperature of the work area, it is recommended to heat the area to an ideal temperature (20- 22°C) for the application work, which will favour a quick drying of the product. Do not aim directly at the coated surfaces with an air heater to force drying.

Application

Once the substrate has been properly prepared, Efectto can be applied. Before starting the application, it is necessary to homogenise the product with the help of a mechanical stirrer or vigorously by hand.

Spread and smooth the microcement in a thin layer with a polycarbonate trowel or bifax anti-burn steel trowel and let dry 4 - 8h between layers. Apply two layers of each particle size of Efectto. Sand each layer with the appropriate grit sandpaper (see technical information table).

The trowel should be positioned with respect to the plane of the substrate at an angle of about 45° in order to avoid very thin layers, which can cause burns that leave dark stains on light colours, or very thick layers, which would delay drying and the possible drying of the excess material. Do not apply fresh on fresh.

Depending on the surface to be renovated, floors and walls, Topciment recommends the combination of systems developed with aggregates of different granulometry.

	Soils		Walls	
	Super Grain	Medium Grain	Big Grain	Small Grain
Number of layers	2	1	2	2
Max.thickness per layer (mm)	1	0,5	0,8	0,3

Special precautions

- 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.
- Empty containers must be disposed of in accordance with current legislation.
- To prevent the product from drying out or thickening, close the lid after each use.

Presentation

It is available in 6 and 17 kg packages.

Cleaning of tools

The tools are washed with water immediately after use

Storage conditions

The product 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 shelf life is one year from the date of manufacture, if stored properly.