

## decolevel floor.

High-performance colored decorative  
self-leveling mortar

### DESCRIPTION

One-component polymeric self-leveling mortar, formulated with high performance cements, fine-grained aggregates, additives, catalysts, inorganic dyes and synthetic resins.

Once mixed, it creates a coating between 2 - 7 mm thick, continuous, seamless, with high mechanical strength, no shrinkage and

strong adhesion on any type of cementitious support: concrete, mortars.

It has the consistency of a white powder which, when mixed with water, produces a product of excellent fluidity.

It is classified according to the UNE-EN 13813 standard as CT-C40-F10.

### PROPERTIES

- Decorative continuous floor of multiple chromatic options.
- Applicable in thicknesses of 2 - 7 mm
- High self-leveling power.
- Pumpable.
- Fast setting.
- High tenacity and resistance to abrasion
- Excellent adhesion on mineral substrates.
- Can be protected with varnishes and paints.

### SUBSTRATE

Cement screeds. Concrete slabs with a strength > 15 MPa.

Non-porous supports, trowelled concrete, ceramic (after recommended treatment)

### SUBSTRATE PREPARATION

The substrate must be dry, resistant, free of cracks and have undergone the retractions inherent to setting. Clean of dust, oils and grease. Without humidity problems.

Check the planimetry of the substrate with a 2 m long ruler, the deviations must be less than 5 mm; in case of existing, they must be regularized before the application.

Apply a bond coat with epoxy primer Impripox, with a short nap roller and sprinkle silica (0,6 mm) over the epoxy primer when it is still fresh; after it has completely hardened, sweep and vacuum the rest of the silica that is not adhered. Once dry, Decolevel can be applied.



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## APPLICATION

Add the chosen color concentrate to the water. Continually remove water with color before making each mixture.

For large works, try to use drums where you can mix all the color with the water.

20 kg of the product is mixed with 4,5-4,7 l. of water. It is extremely important to maintain an accurate and equal proportion of water for all buckets of powder, since an excess of water reduces the mechanical properties of the product and causes a "buoyancy" effect, and differences in water proportions from bucket to bucket can cause differences in shade between different areas.

The mixture must be made using a low-speed electric mixer during at least 2 minutes, until obtaining a homogeneous mixture without lumps.

Once the kneading is done, transfer the product to another container passing it through a sieve or similar to eliminate the lumps that could have been produced.

In the application by pumping, a mesh must be placed at the end of the hose to eliminate the lumps produced in the kneading.

The mixture can be used for 30 min at temperatures between + 10° and +25°C.

Lower temperatures lengthen the times and higher temperatures reduce it.

After kneading, the mixture should be poured in small quantities directly onto the substrate

Then spread the product with a spreader and smooth it with a trowel.

## SEALING

After 24 hours prior to sealing, the surface should be sanded with 80-120 grit to remove contaminants and smooth the surface. The next step is the application of Hidroprimer CI with a roller or mop. After the pore-filler dries, two coats of polyurethane varnish Aquamax or Maxipur are required.

To get a mirror shine the surface can be polished on diamond machines with grains 100-200-400 at least 72 hours after the application of self-leveling mixture and before the implementation of sealing the surface with polyurethane varnish Aquamax or Maxipur.

Alternatively, it is possible to grind successively with diamond discs of 50, 100, 200, 400, 800, 1000 grit without subsequent application of varnishes and fillers.

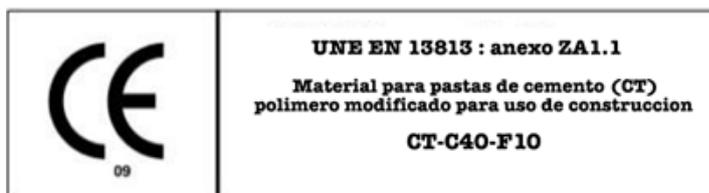


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## TECHNICAL CHARACTERISTICS

Mixing ratio:	4,5-4,7 L of dyed water / 20 kg powder
Apparent density:	Approx. 1,2 kg / L
Wet density:	approx. 1,8 kg / L
Consumption:	Approx. 1,7 kg of powder / m <sup>2</sup> · mm
 Recommended thickness	2 - 7 mm
minimum temperature of application:	+ 10 ° C
<sup>N 13813</sup> Workability (25°C - 10°C):	Approx. 30 minutes
Time for light traffic:	1 day
Time for normal traffic:	7 days
Time for sealing:	2 days
Compressive strength:	1 day approx. 19 N / mm <sup>2</sup> 7 days approx. 25 N / mm <sup>2</sup> 28 days approx. 50 N / mm <sup>2</sup>
Flexural strength:	1 day approx. 4,0 N / mm <sup>2</sup> 7 days approx. 6,0 N / mm <sup>2</sup> 28 days approx. 10,0 N / mm <sup>2</sup>
Suitable for electric radiant floor heating systems:	Yes
PH range:	After 1 day:12
Packaging:	Buckets of 20 kg
Storage:	Approx. 1 year in a dry place and in its original closed container



### CENTRAL OFFICE AND FACTORY

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