

EPOX JOINTS CIMENTART

DATA SHEET

100% solid epoxy

Capillary moisture blocker
for joints

Great adherence on any
surface

2 components

Applicable by roller and
brush

Solvent free

Indoor and outdoor

CIMENTART®
MICROCEMENT



PYME INNOVADORA

Válido hasta el 21 de julio de 2025



Compromiso con el medio ambiente

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EPOX JOINTS CIMENTART - TECHNICAL DATA SHEET

CIMENTART EPOX JOINTS is a colorless varnish based on two-component reticular resins, without solvents, with excellent hardness, chemical resistance and resistance to humidity.

CIMENTART EPOX JOINTS is a two-component, 100% solids epoxy varnish that can be applied to walls and floors, both indoors and outdoors in sanitary facilities, slaughterhouses, kitchens, refrigerators and places where food is handled (indirect contact) and rafts, tanks, etc.

It can be applied on all types of substrates such as concrete, cement, plaster, ceramic, tiles, tile joints, etc. It has good chemical, mechanical and scratch resistance.

It is permeable to water vapor. It can be applied even with a degree of humidity in the substrate (concrete humidity <8%). Its application on ground floors or terraces is ideal to cut capillary moisture from the subsoil.

APPLICATIONS

CIMENTART EPOX JOINTS is especially indicated:

- As a blocking of capillary moisture or residual moisture in tile joints and slot.
- To fill fissures or cracks.
- As a primer, sprinkling the application with silica aggregate.
- As a hardener for mortar, self-leveling and concrete floors.
- To make epoxy mortars, mixing the two components with silica aggregate.

SURFACE PREPARATION

The surfaces must be resistant and clean, stable, free of dust, grease and any material that hinders their adherence.

EPOX JOINTS CIMENTART - TECHNICAL DATA SHEET

TECHNICAL DATA

| | |
|-------------------------------------|-------------------------------------------------------------------------------|
| Presentation | Clear or yellowish liquid |
| Regulation | UNE-EN 1381 3 - 2002 |
| Density | 1,1 kg/lit |
| Compressive strength | > 70 N/mm² |
| Flexural strength | > 20 N/mm² |
| Initial adherence | > 2 N/mm² |
| Fire reaction | Bfl S1 |
| Mixture | 4 kg comp A / 1 kg comp B |
| Time to use the mixture | Approx. 30 minutes, depends on environmental conditions |
| Walkability | 6 a 8 hours |
| Efficiency in sealing joints | 1 kg/ 12 ml/ width 7 cm |
| Packaging | 12.5 and 25 kg buckets (Comp A + B) |
| Shipping | Material considered non-hazardous |
| Storage | Approx 12 months in dry places and with the original containers closed |

USE INSTRUCTIONS

The product is supplied ready to use, it is not advisable to dissolve it with other products, as it would lose the properties of hardness and impermeability.

Mix the two components, by mechanical means, until obtaining a perfect homogeneous mixture, in the following proportions: 4 kg of **CIMENTART EPOX JOINTS A Component** with 1 kg of **CIMENTART EPOX JOINTS B Component**.

Apply a coat with a small roller or brush, in an orderly manner and without spreading or overstretching the product, making sure to cover all the joints, without leaving puddles.

Paint drainage areas or tile joints very well, where water can penetrate or capillary humidity can rise.

Let dry and apply a second coat in the same way.



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In areas with a high percentage of capillary moisture, apply 3 coats.

EFFICIENCY

The approximate efficiency per layer is \pm 1kg / 12ml / 1mm layer / 7cm width

PACKAGING

12.5 and 25 kg buckets (2 comp).

STORAGE

12 months, in a dry place protected from the elements, in its original hermetically closed container.

CAUTIONS

Always apply in well-ventilated areas.

Do not apply with risk of frost or rainy weather. Do not apply at temperatures below 10°C or above 35°C. Due to its composition, once the two components have been mixed, the product must be used up quickly before it hardens.

There should never be a temperature below 10 degrees, neither during the application nor after, during the drying time.



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Due to its strong reactivity, the product heats up when mixing the two components and while the mixture is wasting. Do not touch the metal containers after mixing.

Although **CIMENTART EPOX JOINTS** has a high degree of resistance to chemicals such as chlorine or acids, we do not recommend its use as a final finish in swimming pools. In wells or ponds, at least 15 days must elapse to obtain a final drying before filling.

Due to its characteristics, **CIMENTART EPOX JOINTS** is a product that can turn yellow in contact with natural or artificial light.

Use the appropriate PPE, such as clothing, gloves and a mask.

Tools and tools are cleaned with solvent.

CIMENTART MICROCEMENT SL.Our systems are based on the research carried out in our laboratories and years of practical experience.

We guarantee that our products are manufactured, packaged and labeled under the guidelines of ISO 9001: 2008.

We decline any responsibility if the result is affected by factors beyond our control.

The end user must verify that the product supplied meets the needs for which it is going to be used, and must carry out a preliminary test in each case that is necessary.

Revision date: 19-01-23.

The present edition of this technical sheet cancels the previous ones.

