

BASE MICROCEMENT

TECHNICAL DATA SHEET

Continuous leveling coating

Great adherence over any type of surface

Easy sanding

High resistance to abrasion

Interior & exterior

CIMENTART®
MICROCEMENT



INNOVATE SME

Valid until Nov 16th 2020



Commitment with the environment

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CIMENTART BASE MICROCEMENT – TECHNICAL DATA SHEET

The **CIMENTART BASE MICROCEMENT** is a special cement coating, with synthetics resins, special sands and selected minerals that is applied manually with a steel trowel, whether in interiors as exteriors.

It is used to level the surfaces, like floors, walls and ceilings, etc. It is applied over **CIMENTART FIBERGLASS MESH** and the junction of the two materials prevents the cracking of the surface and increases its mechanical resistance. This prepares in an optimal way the surface for the application of the **CIMENTART FINE MICROCEMENT**.

TECHNICAL DATA

Presentation	White cream powder
Regulamentation	UNE-EN 197-1 : 2000: A1 : 2005
Apparent material density	1,5 ± 0,2 g/cm³
Granularity	0.7 mm
Mixed product density	1,7 ± 0,2 g/cm³
Mixed product - Validity	Aprox. 2 h according to environmental conditions
Initial Adherence (traction))	> 0,4 N/mm²
Adherence after 24 hour	> 0,5 N/mm²
Adherence after 28 days	1 N/mm²
Adherence after water presence or humidity	1 N/mm²
Flexibility resistance after 28 days	F7 7,5 Mpa (N/mm2) UNE 13892 2
Resistance to compression 48 hours	30 Mpa UNE 13892 2 C30
Resistance to compression 28 days	52,5 Mpa UNE 13892 2 C30
Efficiency	1 kg/m2/mm
Shipping	Material considered not dangerous
Storing	12 months, in a dry place in its original recipient hermetically closed.

USE INSTRUCTIONS

Mix 3 parts of **CIMENTART BASE MICROCEMENT** with 1 part of **CIMENTART MIXING RESIN** and use an electric mixer to mix the content of the recipient until you achieve a perfect homogenization.

Between the application of the first and the second layer of **CIMENTART BASE MICROCEMENT**, it should have enough time so the product is completely dry when you touch it, approximately 4 to 6 h. The drying time in fact depends on the temperature, ventilation and humidity present at the site.



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It could be necessary to apply up to 3 layers of **CIMENTART BASE MICROCEMENT**, depending on the initial condition of the surface, till you achieve its perfect regularization.

If you have applied before the **CIMENTART FIBERGLASS MESH**, you have to leave it completely covered with the **CIMENTART BASE MICROCEMENT**.

In case of an application over a tiles wall, you should apply all the needed layers till you completely cover the entire tiles surface and its joints.

The application is done manually, applying the product in thin layers of 1mm, using a steel trowel. Never apply layers thicker than 1 mm.

Once the layer is dry, sand it with grip 40-60 and remove all the resulting dust using a vacuum cleaner.

The tool cleaning is done using water.

EFFICIENCY

The efficiency is approximately of ± 1 kg/m² by 1mm layer.

PRESENTATION

- Recipients of 10 kg and 20 kg.
- Pallets of 900 kg.
- Big bag of 1000 kg.

STORING

12 months, in a dry place protected from bad weather in its original recipient hermetically closed.

CIMENTART MICROCEMENT SL. Our systems are based in the research done at our laboratories and the many years of practical experience we have. We guarantee that our products are manufactured, packaged and labeled under the rules of Normative ISO 9001:2008. We decline any responsibility if the end result is affected by external factors not under our control. The end user must check that the product supplied is adequate to the needs that is going to be used for, doing a test in any case that must be necessary.

Review date: 08-08-18.

The present document cancels the earlier editions.

