

## MICRODUR MEDIUM 1C

### DESCRIPCIÓN DEL PRODUCTO

The Microdur midium is a monocomponent cement coating formulated with high performance fine aggregate of granulometry (<150µm), additives, catalysts, colorants inorganic and synthetic resins.

It has the consistency of a white powder that when mixed with water gives a product ductile, ready to apply with leveling trowel.; Although it is not self-leveling, it can be easily expanded.

Once applied it creates a coating between 1 and 4 mm thick, continuous, high mechanical resistance, without retractions and strong adhesions on any type of support: concrete, mortar, cement.

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

### PROPERTIES

- Continuous decorative flooring with multiple chromatic options
- Applied in thicknesses of 1 and 4mm
- High toughness
- Excellent adhesion on multiple substrates
- Quick commissioning
- Can be protected with varnishes and paints
- Do not crack
- Retraction compensated.

### SUBSTRATE

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

Non-porous supports, ceramic (previous treatment recommended)

### NUMBER OF COATS

#### BASE

Positive pressure — 2 coats: consumption (2 x 1,5 kg / m<sup>2</sup>.mm)

Negative pressure — 3 coats: consumption (3 x 1,5 kg / m<sup>2</sup>.mm)

#### FINISH

1 or 2 Coat of Microdur Medium — consumption (1 x 0,5 kg/m<sup>2</sup>. mm)

### APPLICATION

20 kg of the Microdur is mixed with 6 kg of Water (30%), to which the desired concentrate con has previously been added and dispersed. The mixture must be made by

means of a mixer for at least 2 minutes, until a homogeneous mixture is obtained without lumps.

If you want to improve the fluidity in order to easily application, you can add a little more water, until kg (35%), avoiding an excess that can damage the properties of the product

The mixture can be used for 60-90 min at a temperature between +18 ° and + 25 ° C. The lower temperature these times elongate and the higher temperatures reduce it. After kneading, mix the mixture in small quantities directly onto the substrate to subsequently add the product with a thin la-

yer leveling trowel.

It can also be applied on a thin layer using a rubber lip. Subsequently, a planing trowel can be used to alisary the surface design. If you work with several layers, the next will apply after 60 minutes and a maximum of 24 hr

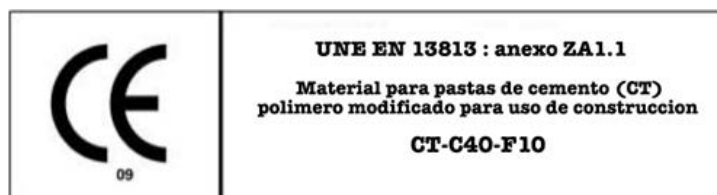
## SEALER

After 24hr, and prior to sealing, surface sanding will be performed to remove impurities and smooth the surface.

Then apply two coats of satin aliphatic polyurethane **Maxipur** ó **Aquamax** with their corresponding hardeners.

## CHARACTESITIC

Mixing ratio:	8,0 (40%)– 9 (45%)L wáter: 20 kg powder
Apparent density:	aprox. 1,2 kg/L
Wet density:	aprox. 1,9 kg/L
Consumption:	aprox. 1,5 kg/m <sup>2</sup> .mm
Lower application temperature:	+ 10 °C
Pot-life (a20°C):	aprox. 60 - 90 minuts
Resistance to compresión:	1 day aprox. 16 N/mm <sup>2</sup> 7 day aprox. 25 N/mm <sup>2</sup> 28 day aprox. 40 N/mm <sup>2</sup>
Resistance to flexo traction:	1 day aprox. 4,0 N/mm <sup>2</sup> 7 day aprox. 6,0 N/mm <sup>2</sup> 28 day aprox. 11,0 N/mm <sup>2</sup>
Granulometry:	Máx. 0,150 mm
Suitable for wheels furniture:	Yes
Suitable heating underfloor hot water/ electirc:	Yes / No
Ph Range:	1 day: 12 pH
Packing:	20 kg net
Storage:	Approx.6 months in dry places and in its original closed container.



### OFFICE AND FABRIC

C/ Llanterners 44, 961 50 50 24  
Pol. Ind. La Figuera info@cemher.com  
46970 Alaquas  
Valencia (ESPAÑA)