EL MICROCEMENTO HOMECRET, S.L.
C/ Fernán González, 11 1º D
28009 Madrid
proyectos@homecret.com

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MICROCEMENT ERFITT BASE

HIGH PERFORMANCE COLOURED MICROCEMET

Descriptión

THE MICROCEMENT ERFITT BASE is a MONOCOMPONENT cement coating formulated with high performance fine aggregate of granulometry (<0.8mm), additives, catalysts, colorants inorganic and synthetic resins.
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 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.
It is classified according to the standard UNE-EN 13813 asCT-C40-F10.

Properties

- Continuous decorative flooring with multiple chromatic options
- Applyed 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 / m2.mm)
Negative pressure => 3 coats: consumption (3 x 1,5 kg / m2.mm)
FINISH
1 or 2 Coat of Microdur Fine C8 or 1 coat of Microfine Fine cement: consumption (1 x 0.5 kg / m2.mm)

Application

20 kg of the Microdur is mixed with 5 kg of Water (25%), 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.

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If you want to improve the fluidity in order to easily application, you can add a little more water, until kg (30%), 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 layer 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 varnish MAXIPUR (dte.) Or AQUAMAX (water) with their corresponding hardeners

TECHNICAL CHARACTESITIC:

Mixing ratio:	5,0 (25%)– 6 (30%)L wáter: 20 kg powder
Apparent density:	aprox.1,2kg/L
Wet density:	aprox.2,0kg/L
Consumption:	aprox.1,5kg /m²·mm
Lower application temperature :	+10°C
Pot-life (a20ºC):	aprox.60 -90 minuts
Resistance to compresisón:	1 day aprox.19 N/mm² 7 7 days aprox.28N/mm² 28 days aprox.44N/mm²
Resistance to flexo traction:	1 day aprox.4,0 N/mm² 7 day aprox.6,0N/mm² 28 day aprox.11,0N/mm²
Granulometry	Máx.0,8mm
Suitable for wheels furniture:	yes
Suitable heating underfloor hot water/electirc:	yes/No
Ph Range:	1 Day : 12
Packing:	25 kg net
Storage:	Approx.6 months in dry places and in its original closed container.

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CE 09	**UNE EN 13813 : anexo ZA1.1** **Material para pastas de cemento (CT) polimero modificado para uso de construccion** **CT-C40-F10**