DATA SHEET

Product: BASE FLOOR
Ref.: FB

DESCRIPTION

Eco Cement based coating with coarse grain, ready to be used with the simple addition of purified water and mechanical agitation. Suitable for indoor and outdoor floors.

USES

Achieve a continuous coating without joints, both horizontal as vertical surfaces, outdoor and indoor areas. Thanks to its high adherence it is applicable on any material (cement, plaster, plasterboard, tiles, marble or wood) in bathrooms, residences, hotels, shops and leisure premises, and even furniture. Ideal for both new works and renovations without removing the existing surface. Available in different finishes and application techniques, with a range of 120 combinable colours to create thousands of colours. It allows the creation of designs with shapes, prints and logos.

PREPARATION

- Surface must be completely clean, dry, dust-free, with no loose or broken parts; with a humidity level below 3%.
- The powder component must be mixed with water in a mixing ratio of 25% by volume with mixer on low revolution until a homogeneous mixture. In case of use of colors, should be incorporate the all desired pigment into the mixture and then mix until completely dilute the pigment in the mixture.
- In case of ceramic or porous / irregular surfaces, a levelling base should be previously applied.

ADVANTAGES

- Quick drying and easy maintenance.
- Applicable on existing surfaces
- Apt for execution of continuous works
- Combinable with different materials
- High resistance
- Does not require joints
- Solvent free
- Stain resistant

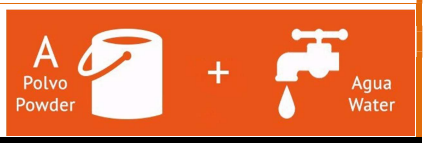
YIELD x KIT (FB24+6 L)

m^2 per layer Surfaces	approx. m^2
Plasterboard, MDF, Gypsum	34 m^2
Mortar	32 m^2
Base Baseflex	30 m^2
Base Ground	28 m^2

FORMATS

BASE FLOOR(Component A) Ref.	Format	WATER
FB-3	3 kg. Base Floor	0,75l. approx.
FB-6	6 kg. Base Floor	1,5 l. approx.
FB-12	12 kg. Base Floor	3 l. approx.
FB-24	24 kg. Base Floor	6 l. approx.

PRESENTATION



TECHNICAL SPECIFICATIONS (internal quality tests)

	BASE FLOOR	WATER
Appearance:	Powder	Liquid
Colour:	White	Colorless
Density (kg/l):	1,400	1,00
Mixing ratio :	1 volume	25% of vol. approx.

Density of the mixture: 1,920 kg/l
mixture pH: 8-9
Usage time of the mixture: 1-2 h at 20ºC | 60% relative humidity
Temperature of application: Minimum 5ºC and maximum 35ºC
Waiting time before sealing: 12-24 h at 20ºC | 60% relative humidity
Accessibility once sealed: 48 h at 20ºC | 60% relative humidity
Suitable for underfloor heating: Yes (minimum 4cm slabs.)
Storage: Minimum temperature of 0ºC and max of 40ºC
Dangerous material: NOT classified as ADR/RID, IMDG, ICAO/IATA
Drying time between layers: 3-4 h at 20ºC | 60% relative humidity
Expiration: 1 year from the production date on its packaging

Compressive strength: 1 day	7 days	28 days
15,5 N/mm^2	24,5 N/mm^2	32 N/mm^2

Flexural strength: 1 day	7 days	28 days
5,5 N/mm^2	10 N/mm^2	12 N/mm^2

TECHNICAL TEST KIT(A+B) (tested product: PU finish)

UNE-EN 13813:2003		
Bond strength, UNE-EN 13892-8:2003	Ceramic surface	1.7 N/mm2 (break support)
	Fibrocement Surface	1.3 N/mm2 (break support)
	MDF Surface	0.6 N/mm2 (break support)
Surface hardness, UNE-EN- 13892-6:2003	72 N/mm^2	
Determination of liquid water transmission (permeability), UNE-EN 1062-3:1999	0.01 Kg./ m^2 h 0.5	
Determination of flexural properties, UNE-EN ISO 178:2003	0.15 KN./mm^2	
Determination of unpolished slip / skid resistance value (USRV). UNE-ENV 12633:2003, Annex A	29	
Impact Resistance, UNE-EN ISO 6272:2004. Drop height at which the first cracks and diameter produced at this stage are observed	>14.7 Nm At 1500mm WITHOUT defects. Crater diameter: 10.1mm.	
Frictional wear, Böhme, UNE-EN 13892-3:2003	11.2cm^3/ 50cm^2	
UNE EN 13501-1:2007		
Fire resistance behaviour after application of finish	Bfl – S1	
UNE-ENV 12633:2003		
Slip resistance after application of finish	Rd: CLASS 3 – Value USRV: 47	

Recommendations and technical data shown in this data sheet are based on laboratory tests and our experience in practice.
We waive any liability for consequences resulting from improper use. ***Date****: August 2016* ***Version:*** *1.0*

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