DATA SHEET

Product: CLASSIC FLOOR
Ref.: FCL

DESCRIPTION

Eco Cement based coating with ultra- fine 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 40% 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.
- This Kit is a finish coat. In case of ceramic or porous / irregular surfaces, a levelling or mortar 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 (FCL15+6 L WATER)

m^2 per layer

Surfaces	approx. m^2
Plasterboard, MDF, Gypsum	40 m^2
Mortar	38 m^2
Base Baseflex	36 m^2
Base Ground	34 m^2

FORMATS

CLASSIC FLOOR (Component A)		WATER
Ref.	Format	
FCL-1,8	1,8 Kg. Classic Floor	0,75l. approx.
FCL-3,75	3,75 Kg. Classic Floor	1,5 l. approx.
FCL-7,5	7,5 Kg. Classic Floor	3 l. approx.
FCL-15	15 Kg. Classic Floor	6 l. approx.

PRESENTATION

TECHNICAL SPECIFICATIONS (internal quality tests)

	CLASSIC FLOOR	WATER
Appearance:	Powder	Liquid
Colour:	White	Colorless
Density (kg/l):	1,180	1,00
Mixing ratio :	1 volume	40% 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:			Flexural strength:		
1 day	7 days	28 days	1 day	7 days	28 days
10,5 N/mm^2	18 N/mm^2	27,5 N/mm^2	3,5 N/mm^2	7 N/mm^2	9,5 N/mm^2

TECHNICAL TEST (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 150omm 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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