

# DATA SHEET



Product: BASEFLEX 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.
- Apt for execution of continuous works
- High resistance
- Solvent free
- Applicable on existing surfaces
- Combinable with different materials
- Does not require joints
- Stain resistant

YIELD x KIT (FB24+6 L )		FORMATS		PRESENTATION
m <sup>2</sup> per layer		BASEFLEX FLOOR(Component A)		WATER
Surfaces	approx. m <sup>2</sup>	Ref.	Format	
Plasterboard, MDF, Gypsum	34 m <sup>2</sup>	FB-3	3 kg. Baseflex Floor	0,75l. approx.
Mortar	32 m <sup>2</sup>	FB-6	6 kg. Baseflex Floor	1,5 l. approx.
Base Baseflex	30 m <sup>2</sup>	FB-12	12 kg. Baseflex Floor	3 l. approx.
Base Ground	28 m <sup>2</sup>	FB-24	24 kg. Baseflex Floor	6 l. approx.



TECHNICAL SPECIFICATIONS (internal quality tests)							
	BASEFLEX FLOOR		WATER				
Appearance:	Powder		Liquid		Density of the mixture: 1,920 kg/l		
Colour:	White		Colorless		mixture pH: 8-9		
Density (kg/l):	1,400		1,00		Usage time of the mixture: 1-2 h at 20°C   60% relative humidity		
Mixing ratio :	1 volume		25% of vol. approx.		Temperature of application: Minimum 5°C and maximum 35°C		
Dangerous material: NOT classified as ADR/RID, IMDG, ICAO/IATA					Waiting time before sealing: 12-24 h at 20°C   60% relative humidity		
Drying time between layers: 3-4 h at 20°C   60% relative humidity					Accessibility once sealed: 48 h at 20°C   60% relative humidity		
Expiration: 1 year from the production date on its packaging					Suitable for underfloor heating: Yes (minimum 4cm slabs.)		
Compressive strength:					Storage: Minimum temperature of 0°C and max of 40°C		
1 day	7 days		28 days		Flexural strength:		
15,5 N/mm²	24,5 N/mm²		32 N/mm²		1 day	7 days	28 days
					5,5 N/mm²	10 N/mm²	12 N/mm²

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/mm²	
Determination of liquid water transmission (permeability), UNE-EN 1062-3:1999	0.01 Kg./ m² h 0.5	
Determination of flexural properties, UNE-EN ISO 178:2003	0.15 KN./mm²	
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	11.2cm³/ 50cm²	
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

