

DATA SHEET



Product: RUSTIC FLOOR

Ref.: FRU

DESCRIPTION

Eco Cement based coating with thick 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 26% 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.
- 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 (FRU ₂₂ +6 L WATER)		FORMATS			PRESENTATION
m ² per layer		RUSTIC FLOOR (Component A)		WATER	
Surfaces	approx. m ²	Ref.	Format		
Plasterboard, MDF, Gypsum	34 m ²	FRU-2,87	2,87 Kg. Rustic Floor	0,5 l.	
Mortar	33 m ²	FRU-5,75	5,75 Kg. Rustic Floor	1,5 l.	
Base Baseflex	32 m ²	FRU-11,5	11,5 Kg. Rustic Floor	3 l.	
Base Ground	30 m ²	FRU-23	23 Kg. Rustic Floor	6 l.	

TECHNICAL SPECIFICATIONS (internal quality tests)					
	RUSTIC FLOOR		WATER		Density of the mixture: 1,920 kg/l
Appearance:	Powder		Liquid		mixture pH: 8-9
Colour:	White		Colorless		Usage time of the mixture: 1-2 h at 20°C 60% relative humidity
Density (kg/l):	1,370		1,00		Temperature of application: Minimum 5°C and maximum 35°C
Mixing ratio :	1 volume		26% of vol. approx.		Waiting time before sealing: 12-24 h at 20°C 60% relative humidity
Dangerous material: NOT classified as ADR/RID, IMDG, ICAO/IATA					Accessibility once sealed: 48 h at 20°C 60% relative humidity
Drying time between layers: 3-4 h at 20°C 60% relative humidity					Suitable for underfloor heating: Yes (minimum 4cm slabs.)
Expiration: 1 year from the production date on its packaging					Storage: Minimum temperature of 0°C and max of 40°C
Compressive strength:					
1 day	7 days		28 days		
12 N/mm²	21 N/mm²		29 N/mm²		
					Flexural strength:
					1 day
					7 days
					28 days
					4,5 N/mm²
					8,5 N/mm²
					11 N/mm²

TECHNICAL TEST (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

