

DATA SHEET



Product: KIT BASEFLEX + RESIFLEX

Ref.: KBF + RNF

DESCRIPTION

It is a high performance eco cement made from mineral fillers, selected recycled aggregates, obtaining a cement base or level coating for unevenness below 1mm. Additivated with fiber glass.

USES

Achieve a continuous coating without joints, both for horizontal and vertical surfaces in indoor and outdoor 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%.
- Preparation of bicomponent Kit (A + B, 1:1 ratio) must be mixed with mixer on low speed until homogeneously combined.
- This Kit is for thin layer levelling of 1 mm. 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 x KIT (KBF24+RNF10)		KIT FORMATS				KIT PRESENTATION	
m ² per layer		BASEFLEX (Component A)		RESIFLEX (Component B)			
Surfaces	approx. m ²	Ref.	Format	Ref.	Format		
Plasterboard, MDF, Gypsum	40 m ²	KBF3	3 kg. Baseflex	RNF-1,25	1,25l.		
Mortar	36 m ²	KBF6	6 kg. Baseflex	RNF-2,5	2,5l.		
Base Baseflex	32 m ²	KBF12	12 kg. Baseflex	RNF-5	5l.		
Base Ground	28 m ²	KBF24	24 kg. Baseflex	RNF-10	10l.		

TECHNICAL SPECIFICATIONS (internal quality tests)							
	BASEFLEX		RESIFLEX				
Appearance:	Powder		Liquid		Density of the mixture: 1.920 kg/l		
Colour:	White		White		mixture pH: 8-9		
Density (kg/l):	1.500		1.02		Usage time of the mixture: 1-2 h at 20°C 60% relative humidity		
Mixing ratio :	3 parts		1 part		Temperature of application: Minimum 5°C and maximum 35°C		
Dangerous material: Kit 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:		
14 N/mm²	23 N/mm²		31 N/mm²		1 day	7 days	28 days
					5 N/mm²	9 N/mm²	11.5 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

