

DATA SHEET



Product: ACERO KIT + RESIMET

Ref.: KAC + RM

DESCRIPTION

It is a mineral metal based on eco-cement, natural particles of steel, mineral fillers and nano additives. Suitable for walls and floors.

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. 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 finish layer. 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 (KAC12+RM4)		KIT FORMATS				KIT PRESENTATION	
m ² per layer		ACERO (Component A)		RESIMET (Component B)			
Surfaces	approx. m ²	Ref.	Format	Ref.	Format		
Plasterboard, MDF, Gypsum	30 m ²	KAC1.5	1.5 kg. Acero	RM0.5	0,5 l.		
Mortar	28 m ²	KAC3	3 kg. Acero	RM1	1 l.		
Base Baseflex	26 m ²	KAC6	6 kg. Acero	RM2	2 l.		
Base Ground	24 m ²	KAC12	12 kg. Acero	RM4	4 l.		

TECHNICAL SPECIFICATIONS (internal quality tests)

	ACERO	RESIMET	Density of the mixture: 1.760 kg/l		
Appearance:	Powder	Liquid	mixture pH: 10-11		
Colour:	Dark Grey	White	Usage time of the mixture: 1-2 h at 20°C 60% relative humidity		
Density (kg/l):	4.000	1,25	Temperature of application: Minimum 5°C and maximum 35°C		
Mixing ratio :	3 parts	1 part	Waiting time before sealing: 12-24 h at 20°C 60% relative humidity		
Dangerous material: Kit 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:			Flexural strength:		
1 day	7 days	28 days	1 day	7 days	28 days
16,5 N/mm ²	19 N/mm ²	28 N/mm ²	4,5 N/mm ²	7,5 N/mm ²	9 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.
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