DATA SHEET

Product: ZINC KIT + RESIMET
Ref.: KZN + RM

DESCRIPTION
It is a mineral metal based on eco-cement, natural particles of zinc, 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.
- Applicable on existing surfaces
- Apt for execution of continuous works
- Combinable with different materials
- High resistance
- Does not require joints
- Solvent free
- Stain resistant

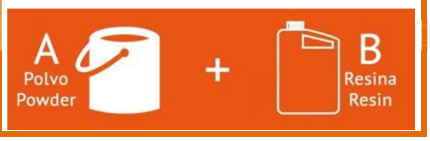
YIELD x KIT (KZN12+RM4)
m^2 per layer

Surfaces	approx. m^2
Plasterboard, MDF, Gypsum	30 m^2
Mortar	28 m^2
Base Baseflex	26 m^2
Base Ground	24 m^2

KIT FORMATS

ZINC (Component A)		RESIMET (Component B)	
Ref.	Format	Ref.	Format
KZN1.5	1.5 kg. Zinc	RM0.5	0,5 l.
KZN3	3 kg. Zinc	RM1	1 l.
KZN6	6 kg. Zinc	RM2	2 l.
KZN12	12 kg. Zinc	RM4	4 l.

KIT PRESENTATION



TECHNICAL SPECIFICATIONS (internal quality tests)

	ZINC	RESIMET
Appearance:	Powder	Liquid
Colour:	Bluish Grey	White
Density (kg/l):	4.000	1.25
Mixing ratio :	3 parts	1 part

Density of the mixture: 1.700 kg/l
mixture pH: 10-11
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: Kit **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:

1 day	7 days	28 days
9 N/mm^2	17 N/mm^2	26,5 N/mm^2

Flexural strength:

1 day	7 days	28 days
4 N/mm^2	7 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.
We waive any liability for consequences resulting from improper use. ***Date****: August 2016* ***Version:*** *1.0*

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