

# DATA SHEET

cement design®

Product: REPAIR EXTRA MATE

Ref.: PU REP. EX-1 /

## DESCRIPTION

Primer indicated for surface finishing as anti-stain protection, water-based with polymer content

## USES

It is used for the prophylactic protection of pavements, etc. Especially suitable for absorbent mineral funds.

## PREPARATION

- The surface must be clean and free of dust, at a temperature not less than 13°C.
- Apply the product undiluted in two layers, depending on the absorption capacity of the background
- The working time and temperature must be between 10 and 30 °C.
- Protect the covered surface from moisture and rain

## ADVANTAGE

- Quick drying and easy maintenance
- Suitable for steam diffusion
- Water and stain repellent effect
- Weather resistant
- Does not yellow

## YIELD AG

m<sup>2</sup> x L

## FORMATS

REPAIR EXTRA MATE

## PRESENTATION

Supports	Exam.	m <sup>2</sup> /l aprox.	Product	Reference	Format	Form.
Fine textures	---	20 m <sup>2</sup>	PU REPAIR EXTRA MATE E11	PU REP. EX-1	1l	1000 ml.
Semi fine textures	---	18 m <sup>2</sup>				
Medium textures	---	16 m <sup>2</sup>				
Coarse textures	---	12 m <sup>2</sup>				



## TECHNICAL SPECIFICATIONS (internal quality tests)

Physicochemical properties	REPAIR EXTRA MATE	Mix density: ---
Physical form	Líquid	pH of the mixture: 8.5
Color	Milky	Time of use of the mixture: 1-2 h. at 20°C   60% relative humidity
Smell	Characteristic	Application temperature: Not less than 5°C or greater than 35°C
Density (kg/l)	1,00	Waiting time before sealing: 12-24 h. at 20°C   60% relative humidity
Viscosity		Passability once sealed: Not Applicable. at 20°C   60% relative humidity
Specific weight	1.012 g/cc. A 20°C	Suitable for underfloor heating: Not Applicable
% Volátiles	27.3% Weight	Storage: At a minimum temperature of 0°C and a maximum of 40°C
Flash point	Non-flammable	Mixing ratio : To use
Boiling temperature	100°C a 760 mmHg.	Dangerous Goods: Kit NOT classified as ADR/RID, IMDG, ICAO/IATA
Vapor pressure	17.4 mmHg a 20°C	Drying time between coats: 1-2 h. at 20°C   60% relative humidity
Temp. decomposition		Expiration: 2 years from the date of production in its container

## TECHNICAL TESTS OF THE KIT (A+B) (tested product: PU finish)

UNE-EN 13813:2003

Adhesion resistance, UNE-EN 13892-8:2003	Ceramic support	1,7 N/mm <sup>2</sup> (break bracket)
	Fiber cement support	1,3 N/mm <sup>2</sup> (break bracket)
	DM support	0,6 N/mm <sup>2</sup> (break bracket)

Surface hardness, UNE-EN- 13892-6:2003

72 N/mm<sup>2</sup>

Determination of the liquid water transmission rate (permeability), UNE-EN 1062-3:1999

0,01 Kg./m<sup>2</sup> h 0,5

Determination of flexural properties, UNE-EN ISO 178:2003

0,15 KN./mm<sup>2</sup>

Determination of the slip resistance value of unpolished pavements (USRV). UNE-ENV 12633:2003, Annex A

29

Impact resistance, UNE-EN ISO 6272:2004. Drop height at which the first cracks are observed and diameter produced at this height

>14,7 Nm  
At 1500 mm WITHOUT defects. Crater diameter: 10.1 mm.

Wear resistance Böhme, UNE-EN 13892-3:2003

11,2 cm<sup>3</sup>/ 50 cm<sup>2</sup>

UNE EN 13501-1:2007

Fire behavior once the finish has been applied

Bfl – S1

UNE-ENV 12633:2003

Slip resistance once the PU AntiSlip finish has been applied

Rd: CLASS 3 – USRV Value: 47

The recommendations and technical data reflected in this data sheet are based on laboratory tests and our experience in practice, declining all responsibility for consequences derived from improper use. Date: August 2016. Version: 1.0