

- EPOXY TILE ADHESIVE & GROUT FOR JOINTS FROM 2 TO 12 MM



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### PRODUCT FEATURES

- ▶ Fine grain finish
- ▶ Easy application and cleaning
- ▶ Excellent moisture resistance
- ▶ Resistant to chemical and mechanical aggressions
- ▶ U4P4S premises: direct bonding to SEL 588
- ▶ Smooth, fine finish
- ▶ 21 decorative colours

### JOINT WIDTH

- ▶ 2 to 12 mm

### CONSUMPTION

- ▶ Bonding: 5.5 to 4.5 kg/m<sup>2</sup>
- ▶ Grouting: 0.41 to 5.22 kg/m<sup>2</sup> (see consumption table overleaf)

### REFERENCE DOCUMENT

- ▶ Compliant with Standard EN 13888

### DESCRIPTION

- **PERFECT COLOR** is a dual-component, dual-purpose grout for producing water-resistant and chemical-resistant joints (see chemical resistance table overleaf).
- **PERFECT COLOR** controls the proliferation of bacteria and is suitable for application in premises where strict rules of hygiene must be observed.
- **PERFECT COLOR** is a reactive, resin-based R2T mortar adhesive classified as defined by standard EN 12004.
- **PERFECT COLOR** is a reactive, resin-based RG mortar grout classified as defined by Standard EN 13888.

### USES

- Interior & exterior walls
- Interior & exterior floors
- Swimming pools and basins
- Chemical & food-processing industries
- Laboratories
- Hospitals
- Workshops, garages
- Sanitary premises
- Livestock buildings (cowsheds, stables)
- Waste-water treatment plants
- Walk-in showers
- Communal kitchens
- Hammams, spas, balneotherapy

### PERMISSIBLE SUBSTRATES

- Concrete
- **588 ENDUIT ETANCHEITE\***
- Clean metal (stainless steel, galvanized steel, anodized aluminium)
- Clean, desheened sheet metal
- Sanded polyester
- Tile backer board

### SUITABLE COVERING MATERIALS

- Stoneware
- Stretched sandstone
- Terracotta (2)
- Glass paste and mosaic – fine side only

### SPECIFICATIONS

- **Appearance:**
  - Component A: coloured resin
  - Component B: hardener
- **Paste density:** 1.63 ± 0.1
- **Ingredients:** emulsionable epoxy resin, siliceous filler

### PERFORMANCE CHARACTERISTICS (1)

- **Pot life:** 30 min approx
- **Setting-up time:** 60 min approx
- **Time before grouting:**
  - 16 hrs after bonding with **PERFECT COLOR**
  - 24 hrs after bonding with a mortar adhesive
  - 4 to 8 hrs after bonding with a rapid mortar adhesive
- **Return to service:**
  - Pedestrians / Machinery: 16 hours
  - Chemicals / Water: 7 days
- **Maximum temperature in use:** 50°C
- **Initial bonding:** >3 MPa
- **Bonding after immersion in water:** > 3 MPa
- **Bonding after thermal shock:** >3 MPa

### INSTRUCTIONS

- Please refer to building instructions in force (e.g. CPT and DTU in France) and CSTB renovation guidelines for details of specific regulations for product application.

### SUBSTRATE PREPARATION

#### Bonding

- Substrates must be clean, sound, dust-free and free of all traces of oil, paint, plaster, laitance etc.
- Substrate must not be running with water, nor frozen.
- Sheet metal must be cleaned with acetone and desheened.

#### Grouting

- Wait until the mortar coat has dried completely before applying **PERFECT COLOR**.
- Ensure that there is no excess of this mortar coat in the empty joints.

### PRODUCT PREPARATION

- Mix the 2 components together using a slow-speed electric mixer, until a homogenous lump-free paste is obtained.
- Never add water.

### APPLICATION

#### Bonding

- Spread the adhesive mortar with a trowel or float over a surface of between 1 m<sup>2</sup> and 2 m<sup>2</sup>. Use an adequate notched spreader to level the thickness.
- For dual bonding, follow the above-mentioned instructions, after buttering the underside of the tile.
- Tamp down the tile with a mallet to ensure optimum bonding.

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## PACKAGING

- ▶ **2.5 kg kit:**
  - Component A: 1.875 kg (resin)
  - Component B: 0.625 kg (hardener)
- ▶ Pallet containing 120 x 2.5 kg kits (300 kg)
- ▶ **5 kg kit:**
  - Component A: 3.75 kg (resin),
  - Component B: 1.25 kg (hardener)
- ▶ Pallet containing 60 x 5 kg kits (300 kg)

## STORAGE

- ▶ **15 months** from date of manufacture if stored in unopened original packaging protected from frost and high temperatures

## WARRANTY

- ▶ Manufacturer's liability

## Grouting

- Press the grout firmly into the joints using a flexible metal spatula or a hard rubber-sole float so as to ensure that they are completely filled.
- Maximum joint width: 12 mm.

## CLEANING - FINISHING

- Clean spillages and smears with a white abrasive pad dipped into regularly renewed clean water, taking care not to damage the joints.
- Remove any remaining emulsified grouting mortar with a damp sponge.
- Clean tools with **725 LANKODILPOX\***.
- Remove epoxy residues with **PERFECT CLEAN\*** from the **PAREXLANKO** range.

## CONSUMPTION






















Average bonding consumption: 2.5 to 4.5 kg/m <sup>2</sup>			
	CONSUMPTION AS ADHESIVE		
	Glass paste	S ≤ 1100	1100 < S ≤ 3 600
Comb type	V4	U6	U9
Consumption	2.50 kg/m <sup>2</sup>	3.50 kg/m <sup>2</sup>	4.50 kg/m <sup>2</sup>

Average grouting consumption for a 10mm thick tile = 0.41 to 5.22 kg/m <sup>2</sup>		
Tile size in cm	JOINT WIDTH	
	5 mm	8 mm
5 x 5	3.26 kg/m <sup>2</sup>	5.22 kg/m <sup>2</sup>
10 x 10	1.63 kg/m <sup>2</sup>	2.61 kg/m <sup>2</sup>
15 x 15	1.09 kg/m <sup>2</sup>	1.74 kg/m <sup>2</sup>
11.5 x 24	1.05 kg/m <sup>2</sup>	0.20 kg/m <sup>2</sup>
20 x 20	0.82 kg/m <sup>2</sup>	1.30 kg/m <sup>2</sup>
30 x 30	0.54 kg/m <sup>2</sup>	0.87 kg/m <sup>2</sup>
40 x 40	0.41 kg/m <sup>2</sup>	0.65 kg/m <sup>2</sup>

$$\text{Consumption en kg/m}^2 = 0.163 \times h \times w \times \frac{(L + l)}{(L \times l)}$$
 h : tile thickness (mm)  
 w : joint width (mm)  
 L : tile length (cm)  
 l : tile width (cm)

## COLOUR CHART\*\*

	ASH		BEIGE		CHOCOLATE
	SILVER		DUNE		BRONZE
	PEARL		GREGE		PINK
	GREY		SAND		TAUPE
	ANTHRACITE		MOCCA		VIOLET
	BLACK		CARMEL		OLIVE
	WHITE		CHESTNUT		BLUE

\*\* For details of colour availability per packaging format (5 kg or 2.5 kg), please refer to the most recent price list.

Please note that printing processes do not allow an exact reproduction of colours.

\* Please refer to the product's Technical Data Sheet.

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## CHEMICAL RESISTANCE

Period of resistance	24 hours	7 days	1 month	6 + months	Maximum concentration
<b>MINERAL ACIDS</b>					
Hydrochloric	■	■	■	■	25 %
Nitric	■	■	■	■	40 %
Phosphoric	■	■	■	■	15 %
Sulfuric	■	■	■	■	80 %
<b>ORGANIC ACIDS</b>					
Acetic	■	■	■	■	10 %
Citric	■	■	■	■	10 %
Formic	■	■	■	■	5 %
Lactic	■	■	■	■	10 %
<b>BASES</b>					
Ammonia	■	■	■	■	15 %
Bleach	■	■	■	■	10 %
Sodium hydroxide	■	■	■	■	20 %
<b>OIL AND FUEL</b>					
Diesel	■	■	■	■	
Heating oil	■	■	■	■	
Motor oil	■	■	■	■	
Olive oil	■	■	■	■	
Petrol	■	■	■	■	
<b>SOLVENTS</b>					
Acetone	■	■	■	■	
Ethanol	■	■	■	■	90 %
Glycol	■	■	■	■	
Trichlorethylene	■	■	■	■	
White Spirit	■	■	■	■	

■	Resistant in continuous use
■	Resistant in intermittent use (frequent contact and regular washing)
■	Non-resistant

## FOR BEST RESULTS

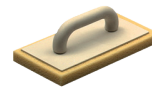
### Essential tools



Hard rubber-sole float



Abrasives pad



Sponge-back float



Joint bucket

### Essential PPE



**TECHNICAL ASSISTANCE** ParexGroup S.A. will, on request, provide information and assistance to companies in relation to the specific use of a product. Such assistance shall not be assimilated with structural design and conception, nor the compliance of substrates, nor as a control of usage rules in force.

#### TECHNICAL DATA SHEET ISSUED - September 2017

The information provided in this document results from our knowledge of the products and our experience. Prior to application, customers and users are requested to check that they are in possession of the latest version of this document. Please check for updates at [www.parexlanko.com](http://www.parexlanko.com).

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## PRECAUTIONS

- Temperature range for use: 10°C to 30°C.
- Clean with water immediately after polymerization (once hardened, epoxy mortar cannot be removed).
- In high temperatures, reduce the surface area to be grouted.
- Do not apply to natural stone (risk of staining).
- Refer to the Safety Data Sheet.