

- RESISTANT FLOOR & WALL GROUT JOINTS FROM 2 TO 20 MM



1/2



### PRODUCT FEATURES

- ▶ Fine grain finish
- ▶ Highly efficient: easy application and cleaning
- ▶ Resistant to high levels of mechanical stress
- ▶ Resistant to chemical aggressions: pH 5 to 14
- ▶ Resistant to extreme temperatures: -50°C to +250°C

### JOINT WIDTH

- ▶ 2 to 20 mm

### CONSUMPTION

- ▶ 0.22 to 2.6 kg/m<sup>2</sup> (see consumption table overleaf)

### REFERENCE DOCUMENT

- ▶ Compliant with Standard EN 13888

### DESCRIPTION

- **550 PROLIJOINT RESIST GRIS** is a grey, dual-component silicate-based grout
- It is particularly suitable for use in communal kitchens and private and communal swimming pools.
- **550 PROLIJOINT RESIST GRIS** is also suitable for use in premises subjected to high-pressure water cleaning.
- **550 PROLIJOINT RESIST GRIS** is resistant to chemical aggressions within a range from pH 5 to pH 14 and to temperature extremes ranging from -50°C to +250°C.
- For premises requiring resistance to very strong chemicals, **PERFECT COLOR\*** should be preferred.
- **550 PROLIJOINT RESIST GRIS** is a dual-component enhanced cement and silicate mortar (CG2) with additional reduced water-absorption (W) and abrasion resistance properties (A) as defined by Standard EN 13888.

### USES

- Interior & exterior floors
- Interior & exterior walls
- Communal kitchens
- Pharmacy/Foodstuff premises
- Communal washrooms and changing rooms
- Hammams, swimming pools, spas
- **Private and communal swimming pools:**
- Compatible with copper-silver electrolysis processes.
- The water in the pool must be non-aggressive with a pH level between 6.5 and 7.6

### UNSUITABLE FOR USE

- Strong acids (e.g. sulphuric, phosphoric, lactic...)
- Distilled water.
- Aluminium or zinc profiles and elements

### SUITABLE COVERING MATERIALS

- Stoneware
- Stretched sandstone
- Terracotta (1)
- Glass mosaic (3)
- Limestone or marble stone slabs (1)
- Glazed earthenware
- Granite (1)

### SPECIFICATIONS

- **Appearance:**
- Component A : Grey powder
- Component B : Yellow liquid
- **Paste density:** 2.1 ± 0.1
- **Composition:** cement, silicate

### PERFORMANCE CHARACTERISTICS (1)

- **Joint width:** 2-20 mm
- **Joint depth:** 3-20 mm
- **Pot life:** 20 min approx. (NB: remixing will extend pot life)
- **Return to service:**
- Pedestrian: 24 hrs
- Machinery: 7 days
- Chemicals: 7 days
- Filling with water: 7 days
- **Temperature range for use:** 5°C to 30°C

### 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

- Wait until the mortar coat has dried completely before applying **550 PROLIJOINT RESIST GRIS**.
- If the substrate has been sealed, allow at least 3 to 7 days drying time (depending on temperature and hygrometry) before applying **550 PROLIJOINT RESIST GRIS**.
- Ensure that there is no excess mortar coat in the empty joints.
- Tiles must be completely clean.

### PRODUCT PREPARATION

- Comply with the dosage instructions, i.e. 1 bag of powder for 1 container of liquid.
- Pour the liquid into a clean bucket and then slowly add 2/3 of the powder to the liquid.
- Machine-mix on slow speed (400 rpm).
- Add the remaining of powder and mix to a smooth lump-free paste.
- Mix for 3 to 5 minutes so as to obtain a fluid paste.
- **Do not add any water, pigments or cement.**

# 550 PROLIJOINT RESIST GRIS

2/2

## FOR BEST RESULTS

- ▶ Mix only the two components together; no other product must be added.
- ▶ Mix on slow speed only (400 rpm max.).
- ▶ Mixing on high speed will create air bubbles which will prevent the chemical reaction.

## PACKAGING

- ▶ 12 kg kit:  
Component A : 2 x 5 kg (powder)  
Component B : 2 x 1 litre (liquid)
- ▶ Pallet containing 24 x 12 kg buckets (288 kg)

## STORAGE

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

## WARRANTY

- ▶ Manufacturer's liability

## APPLICATION

- Press the grout firmly into the joints using a rubber-bladed spreader. Spread in all directions to ensure that all joints are well-filled.
- Emulsify the surface with a sponge-backed float soaked regularly in cold water.
- Leave to dry.

## CONSUMPTION

Average consumption for a 10 mm thick tile = 0.4 to 5/m<sup>2</sup>

Tile size in cm	JOINT WIDTH		
	3 mm	6 mm	
5 x 5	2.5 kg/m <sup>2</sup>	5.0 kg/m <sup>2</sup>	Consommation en kg/m <sup>2</sup> = 0.21 x h x w x $\frac{(L+l)}{(L \times l)}$ h : tile thickness (mm) w : joint width (mm) L : tile length (cm) l : tile width (cm)
10 x 10	1.3 kg/m <sup>2</sup>	2.5 kg/m <sup>2</sup>	
10 x 20	0.9 kg/m <sup>2</sup>	1.9 kg/m <sup>2</sup>	
15 x 15	0.8 kg/m <sup>2</sup>	1.7 kg/m <sup>2</sup>	
20 x 20	0.6 kg/m <sup>2</sup>	1.3 kg/m <sup>2</sup>	
30 x 30	0.4 kg/m <sup>2</sup>	0.8 kg/m <sup>2</sup>	

## CHEMICAL RESISTANCE

Type of product	550 PROLIJOINT RESIST GRIS
Acids pH > 5	■
Carbonic acid	■
Bleach	■
Ammonia	■
Sodium hydroxide	■
Lime water	■
Sodium chloride concentrate	■
Sea water	■
Water at 20°C	■
Water at 60°C	■

Data provided in compliance with standard EN 12-808: 28 days immersion at 23°C.

## COLOUR CHART



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

**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: 5°C to 30°C.
- Use only the products contained in the kit.
- Always keep the product in its original container and never pour into an aluminium or zinc container.
- Colours may vary slightly from one batch to another. Users are advised to use products with the same batch number on the same surface.
- All chemical, thermal and mechanical requirements must be taken into account before starting work.
- The use of acid-based detergents of pH 5 is the sole liability of the site manager who shall be responsible for supervising their nature and usage time.
- When performing high-pressure cleaning do not aim the jet directly at a joint.
- Refer to the Safety Data Sheet.