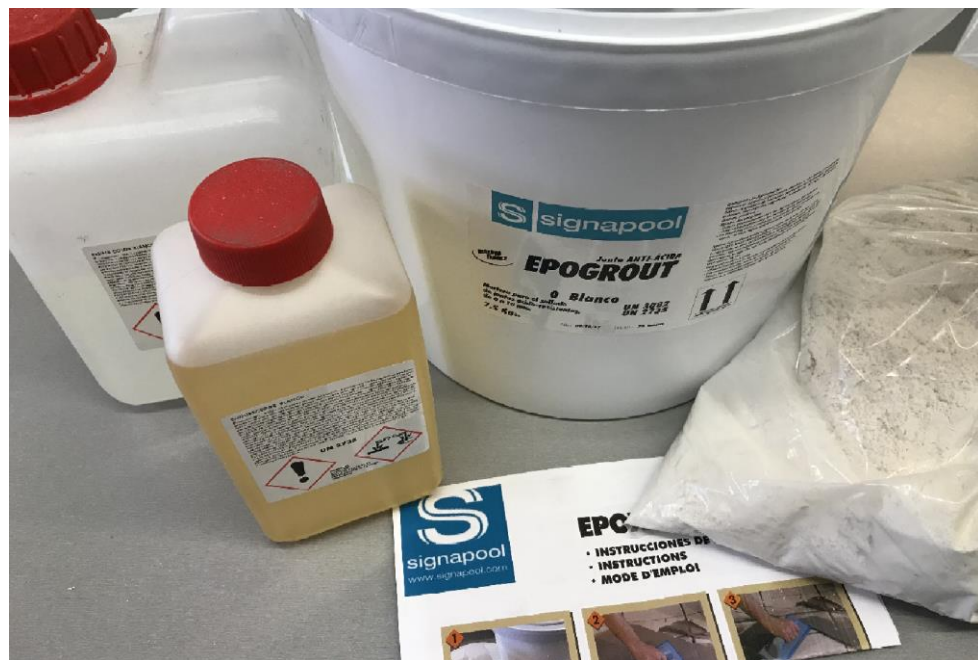


# EPOGROUT

Acid-resistant epoxy adhesive for the gluing and sealing of glass mosaic onto rigid polyester pools, metal surfaces and onto specific plastic sheets.



signapool



## WARNING:

- EPOGROUT is not for expansion joints (use MASTIC MS10).
- Do not use grouting material on tiles that are wet, dirty, full of dust, etc.
- Take special care with cleaning when grouting materials that are not enameled.
- Do not make half mixes. Mix all three components completely.
- Do not add any other component to EPOGROUT that could modify its characteristics.

## HOW TO USE

- ◆ **Preparing the joints:**  
All joints must be cleaned before applying EPOGROUT. The objective is to begin with joints that are strong, solid and free of dust, paint, wax, oils, grease, etc.
- ◆ The ideal application temperature is 20° C. When the temperature is very low and the liquids are cold and viscous, submerge the bottles in hot water (not boiling temperature) until the liquids become fluid again.
- ◆ **Preparation of the mixture:**
  - 1) One set is formed by the following:
    - 1 large bottle of liquid
    - 1 small bottle of liquid
    - 1 bag of powder
  - 2) Empty the content of the two bottles completely into a tub.
  - 3) Pour the powder on top of the liquids.
  - 4) Mix with a spiral blender connected to an electric drill at high rpm's.
- ◆ **Application of the mixture:**  
Manual grouting on: walls and/or floors
  - Grout joints using a rubber spatula.
  - Go over the joints diagonally.

## FIELDS OF APPLICATION

### Grouting:

- Sealing of joints between paving tiles indoors and outdoors, on walls and floors, with no running whatsoever.
- Grouting of acid-resistant paving tile joints in industries: chemical, milk, food, galvanization, paper, cheese, beer, slaughterhouses, preserve plants, tanning plants, etc.
- Grouting of joints in kitchens, dining rooms, cutting plants, etc.
- The ideal joint for dry laying without cement-based adhesive.
- Filling of joints at public pools, baths, showers, areas with water, etc.

### Laying:

- Laying of paving tiles in general and acid-resistant ceramic tiles on walls and floors where fast-setting and acid-resistant qualities are required.
- Laying of marble pieces on thresholds, lintels, kitchen sinks, etc.

## TECHNICAL CHARACTERISTICS

EPOGROUT is a three-component compound based on selected silica sand, stable pigments and special additives that harden by simple chemical reaction, thereby resulting in an exceptional product due to its:

- Optimum chemical resistance to: detergents, corrosive acids, etc.
- Excellent adherence to supports such as: ceramic, concrete, steel, wood, fibre cement, etc.
- High mechanical resistance.
- It is very elastic.
- Maximum fluidity: it is an easily applied epoxy.
- Complete watertight: 100%.
- Resistance to ageing and to stains.
- Applied to vertical joints, it does not run at all.
- Easier maintenance than cement-based joints.
- It has an extraordinary pot life, and it is also fast-setting.

- Pick up excess using the edge of the spatula.
- Cleaning: eliminate remains immediately.
- Use a trowel with a handle and a white fibre Scotch-Brite pad that is 1-cm thick.
- It is OK to use cold water, although if it is warm the process is simpler.
- Use an sponge to pick up liquid remains: a handled trowel equipped with a special sponge. The sponge can be rinsed easily in a bucket.
- Final cleaning is done the next day using water, soap and a Scotch-Brite pad.

#### Industrial grouting for: Large surfaces.

- Grout joints using a rotary machine equipped with hard rubber blades.
- Re-distribute the remains using a hard rubber squeegee.
- Cleaning: eliminate remains immediately.
- Use the same rotary machine, now outfitted with a 2-cm thick white cloth (Scotch-Brite type) and a little bit of cold water (the process is simpler if the water is warm).
- Pick up the excess liquid using a sponge or simply direct it to a drain using a hard rubber squeegee.
- Final cleaning is done the next day using water, soap and a Scotch-Brite pad.

#### ◆ Laying with EPOGROUT:

To glue ceramic pieces, extend EPOGROUT using a toothed trowel, and apply sufficient pressure to the tile to ensure that it bonds correctly.

#### TOOL CLEANING

Clean the tools with water before the EPOGROUT hardens.



The final cleaning is done the next day with water and soap.

#### CONSUMPTION:

Size of the piece (mm)	Thickness of the piece (mm)	Width of the joint (mm)	Yield (kg/m <sup>2</sup> )
75 x 150	6	4	0.8
100 x 100	6	4	0.8
120 x 240	1	8	1.6
100 x 200	0	6	1.5
150 x 300	1	1	1.9
	0	0	
	1		
	2		

#### TECHNICAL DATA:

DIRECTIVES:	EN-13.888, EN-12.004
PRODUCT:	
• Type:	RG reactive resin grout material R2 T reactive resin adhesive with additional characteristics and no running.
• Aspect of part "A" and "B":	fluid liquids
• Aspect of part "C":	powder
• % of solids:	100%
• Flammability:	No
• Toxicity:	Contact with the skin and eyes must be avoided. Always use gloves when laying, and the use of protective goggles is recommended. In case of contact with the skin, rinse with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of running water and seek medical advice.

#### APPLICATION:

- Start of grouting if the following has been used:  
fast-drying cement-based adhesive: after 4 hours.  
normal cement-based adhesive: after 24 hours.
- Density of the mixture: 1.3 g/cm<sup>3</sup>
- Application temperature: 12° C to 30° C (ideal is 20° C)
- Pot life: 1 hour (at 20° C)
- Start of cleaning: 0 - 10 minutes
- Able to withstand traffic after: 14 hours (at 20° C)
- Final hardening: 7 days (at 20° C)

#### FINAL QUALITIES:

- Resistance to humidity: excellent
- Resistance to ageing: excellent
- Resistance to acids/alkalis: excellent
- Resistance to solvents: very good
- Resistance to abrasion: < 250 mm<sup>3</sup>
- Resistance to flexing after dry storage: □ 30 N/mm<sup>2</sup>
- Resistance to compression after dry storage: □ 45 N/mm<sup>2</sup>
- Shrinkage: < 1,5 mm/m
- Water absorption after 240 min.: < 0,1 g
- Initial adhesion: □ 2 N/mm<sup>2</sup>
- Adhesion after immersion in water: □ 2 N/mm<sup>2</sup>
- Pot life: adherence (20 min) □ 0,5 N/mm<sup>2</sup>
- Slip: < 0,5 mm
- Adhesion after thermal shock: □ 2 N/mm<sup>2</sup>
- Service temperature range: -20° C to 90° C

#### STORAGE:

In a covered place, protected from heat and from freezing, kept in its original container: 2 years

#### PRESENTATION AND COLOURS:

Supplied in 25 colours in: 5/kg tubs.  
20/kg tubs (4 sets of 5 kg)



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