

EPOGROUT 210

(former EPOXY STUCCO THREE-COMPONENT CLEANED WITH WATER)
EPOXY-BASED, THREE-COMPONENT PASTE FOR JOINT SEALING OF INDUSTRIAL ACID-PROOF TILES

GENERAL CHARACTERISTICS

EPOGROUT 210 is epoxy-based, three-component paste for joining all types and all dimensions of tiles and especially industrial acid-proof tiles.

- Ideal for the construction of waterproof joints, cleanable with water, for both wall and floor applications.
- Resistant to chemicals (acids, alkalis, fat, oil etc).
- Resistant to mechanical stresses.
- Easy to apply and hygienic.
- Fields of tile application: In places with acid and corruptive environment such as cheese dairies, food industries, breweries, soft drinks industries, slaughter houses, car workshops, laboratories, hospitals etc. Also in administration buildings, schools, public conveniences etc.
- It is recommended the parallel use of **POLFIX INDUSTRIAL 1010** (former RESINA ACRYL) for the placement of tiles

TECHNICAL DATA

Basis:	two-component epoxy resin, powder
Appearance:	paste
Colors:	grey, indian red, ochre and on request
Density:	1,650 ± 0,003 gr/cm ³
Bulk density (C):	0,885 ± 0,005 kg/lt
Mixing proportion (A:B:C):	17:25:58 by weight
Granulometry (C):	0 µm - 500 µm
Application time:	approx. 30 min at 23°C
Final strength:	after 7 days at 23°C
Compressive strength: (ASTM D 695)	29 N/mm ² , 7 days at 23°C
Flexural strength: (Din 1164)	8 N/mm ² , 7 days at 23°C
Temperature for the application and drying of the material:	5 - 35°C

Thessaloniki Office

10, 25th Martiou str., N. Efkarpia,
P.C.: 56429, Thessaloniki Greece
T.: (+30) 2310 680105, (+30) 2310 680382
F.: (+30) 2310 692866

e-mail: exports@polat.gr

Athens Office

109, Vouliagmenis Avenue, Glifada,
P.C.: 16674, Athens Greece
T.: (+30) 210 9647320
F.: (+30) 210 9646317

www.polat.gr



Hardness according to SHORE D:	82 ± 3
Walkability:	after 24 hours
Adhesive strength:	>3 N/mm ² (breaking of concrete)

PREPARATION - APPLICATION

Applied only on dry and clean joints, free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.

- **Thorough** cleaning of joints. Ensure that bedding mortar or tile adhesive is fully hardened (2 days for winter and 1 day for summer).
- Good mixing of components A (resin) & B (hardener) of **EPOGROUT 210** packed into separate containers in fixed weight proportions. Mixing should be performed using a low revolution mixer (300-600 rpm) for 1-2 min. Stirring of the mixture should be performed thoroughly near the sides and bottom of the container in order to achieve uniform dispersion of the hardener. Afterwards, the whole quantity of component C (powder) is gradually added into the mixture under continuous stirring until a uniform mixture is formed.
- **EPOGROUT 210** is applied into the joints using a special steel spatula.
- After ensuring that joints are completely filled, remove the excess material from the tile surface.
- Finally, tile surface is cleaned by circular action, using a sponge and warm water.

CONSUMPTION

- 0,6-2kg/m² depending on the width of the tile-joint and thickness of the tile.

APPLICATION TOOLS

Special steel spatula. Tools should be cleaned with **WATER** immediately after use. After drying, cleaning can be done mechanically.

PACKAGING

Supplied in packages of 10 kg (two drums, one bag). Components A, B and C have the fixed weight proportion.

STORAGE

One year in unopened containers in dry places with minimum temperature 5°C.

REMARKS

- Working time of **EPOGROUT 210** decreases when ambient temperature rises.
- Minimum temperature for the application of the material is +5°C, while the ideal application temperature is +20°C.
- Tile adhesive must be fully hardened before application of **EPOGROUT 210**.
- After hardening, **EPOGROUT 210** is completely safe for health.

CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

For more information consult the material safety data sheet.

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of POLAT S.A.

Thessaloniki Office

10, 25th Martiou str., N. Efkarpia,
P.C.: 56429, Thessaloniki Greece
T.: (+30) 2310 680105, (+30) 2310 680382
F.: (+30) 2310 692866

e-mail: exports@polat.gr

Athens Office

109, Vouliagmenis Avenue, Glifada,
P.C.: 16674, Athens Greece
T.: (+30) 210 9647320
F.: (+30) 210 9646317

www.polat.gr

