

# AKRYLEX EL 1130

## ADMIXTURE FOR ELASTIFICATION OF CEMENT MORTARS

### GENERAL CHARACTERISTICS

**AKRYLEX EL 1130** is an acrylic-based emulsion, which acts as an agent for elastification when it is added in cement mortars, tile adhesives like **POLFIX 1003-1005** (former resina tile glue) and especially cementitious sealing slurries like **POLSEAL FLEX 710** (former waterproofer elastic)

- It offers high flexibility and increased bonding to the surface, preventing capillary cracks.
- Eliminates setting shrinkage.
- Ideal for joining old with new concrete.

### TECHNICAL DATA

Basis:	acrylic polymer dispersion
Appearance:	liquid
Color:	white
Viscosity:	32 ± 1 mPa•s at 23°C
Density:	1,026 gr/cm <sup>3</sup>
Temperature for the application and drying of the material:	5 – 35°C

### PREPARATION - APPLICATION

The success in the application depends on the right preparation of the underlay and use of the material.

- **Good** cleaning of the surface from dust and residues with vacuum cleaner and use of squeegees.
- In case of porous surfaces, they should be primed with joining resin **AKRYLEX 165 1101** diluted in a ratio 1:1 with water (consumption: 100-200 gr/m<sup>2</sup>, depending on the absorption of the surface).

#### Elastification of WATERPROOFER

- The content of one bag (25 kg) of **POLSEAL 701** (former waterproofer powder) is gradually added into 10 kg of **AKRYLEX EL 1130** under continuous stirring, until a uniform viscous mixture is formed.
- Then the material is applied in three or more coatings. Each new coating should be applied before the previous one dries.

#### Elastification of tile adhesives POLFIX 1003-1005

- **POLFIX 1003-1005** is added into 10-20% **AKRYLEX EL 1130** and the appropriate amount of water under continuous stirring, until a uniform mixture is formed.
- Following, the material is applied with a notched trowel in thickness of 6-10mm.
- The tiles are placed by pressing to their final position.
- Grout application can start 24 hours after application using **POLFILL 204** (former white or colored stucco for tile joints) or **EPOGROUT 210** (former epoxy stucco three component cleaned with water).

#### Thessaloniki Office

10, 25<sup>th</sup> 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](mailto: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](http://www.polat.gr)



### CONSUMPTION

- 100-200 gr/m<sup>2</sup>, for joining old with new concrete.
- 10 kg/25kg **POLSEAL 701** (former waterproofer powder)
- 10-20% in **POLFILL 204** (former white or colored stucco for tile joints)

### PACKAGING

Supplied in drums of 10kg.

### STORAGE

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

### 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, 25<sup>th</sup> 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](mailto: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](http://www.polat.gr)

