

## EPOFIX-V 209-F

(former EPOXY STUCCO TWO-COMPONENT FOR VERTICAL SURFACES FAST)

### GENERAL CHARACTERISTICS

EPOFIX-V 209-F is epoxy-based, two-component, fast setting paste.

- Ideal for leveling holes and cracks on vertical, concrete surfaces (no hanging down) with thickness from 0,3-2 cm.
- It is used for anchorage of bolts and pins, as well as for sealing cracks that will be repaired with injectable epoxy resins.
- As a structural adhesive for bonding concrete, steel, stone etc.
- Provides strong adhesion, high mechanical and chemical resistance to acid solutions, alkalis, oil, grease, wastes.
- It is fast setting, thus gains its mechanical strength very rapidly.
- Applied easily with stainless steel spatula, only on dry surfaces.
- Meets all health specifications and standards and multiplies the mechanical resistance in all applied areas.

### TECHNICAL DATA

Basis:	two-component epoxy resin
Appearance:	paste
Colors:	grey and by desire for orders more than 300 kg.
Viscosity(A+B):	4.800.000 ± 400.000 mPa•s at 23°C
Density (A+B):	1,641 ± 0,002 gr/cm <sup>3</sup>
Mixing proportion (A:B):	56,8:43,2 by weight
Application time:	approx. 30 min at 23°C
Final strength:	after 7 days at 23°C
Compressive strength (A+B): (ASTM D 695)	50 N/mm <sup>2</sup> , 7 days at 23°C
Flexural strength (A+B): (Din 1164)	22 N/mm <sup>2</sup> , 7 days at 23°C
Temperature for the application and drying of the material:	10 - 35°C
Hardness according to SHORE D:	80 ± 2
Adhesive strength:	3,95 ± 0,25 N/mm <sup>2</sup> (breaking of concrete)

### PREPARATION -

Applied only on dry surfaces. Protected from arising humidity and free of materials that

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## APPLICATION

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.

- **Good, dry** cleaning of the surface from dust and residues using brushes and air spray.
- Priming of the surface with **POLEPOX-PR 824** (former EPOXY PRIMER). Application of one or more layers, with **POLEPOX-PR 824** (former EPOXY PRIMER), until the surface is saturated and a film is created. Consumption: 250-600 gr/m<sup>2</sup>, depending on the absorption of the underlay.
- When primer starts to dry and while is still sticky (2-8 hours depending on the ambient temperature), follows the application of **EPOFIX-V 209-F**.
- Good mixing of components A (resin) & B (hardener) packed into separate containers in fixed weight proportions. Mixing should be performed using a 300-600 rpm mixer for 3-4 min until a uniform color is obtained. 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.
- The epoxy paste is applied in the desired thickness using a stainless steel spatula.

## CONSUMPTION

- 1,64 kg/m<sup>2</sup>/1mm.

## APPLICATION TOOLS

Stainless steel spatula, trowel. Tools should be cleaned with **EPOXY SOLVENT 132** immediately after use.

## PACKAGING

Supplied in packages of 2 kg and 10 kg (two drums). Components A and B have the fixed weight proportion.

## STORAGE

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

## REMARKS

- Working time of **EPOFIX-V 209-F** decreases when ambient temperature rises.
- In case **POLEPOX-PR 824** (former EPOXY PRIMER) dries, surface must be locally roughed with the use of sandpaper or grinding tool in order to achieve the ideal adhesion for the material.
- After hardening, **EPOFIX-V 209-F** 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. Flammable before application.

**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.

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