

ACF EPOXY Joint

TWO COMPONENT SOLVENT FREE EPOXY PUTTY

DESCRIPTION

ACF EPOXY JOINT solvent free multipurpose two component putty. It is based on selected resin, hardener and well graded fine fillers. It is non sag and easy to mix and apply.

USES

- ACF Epoxy Joint is used for all new construction or repair work on concrete floors and walls, and for the rounding of bottom walls.
- Epoxy Joint ® is applied using a plaster knife (scraper), trowel or trowel and provides protection against heavy abrasion, impact, heavy pedestrian and road traffic
- As an adhesive for various applications.

ADVANTAGES

- Bonds well to steel and concrete surface
- Good Chemical resistance
- Very high mechanical resistance
- Can be filled with graded aggregates to build up thickness. Can also be filled with light weight aggregates.

TECHNICAL INFORMATION

Color	:	Comp A: White Comp B: Black
Physical Appearance	:	Paste like consistency both component A and component B
Adhesion to dry concrete	:	> 2 N / mm ²
Application time	:	20 minutes
Application temperature	:	Between +10 ° C and +35 ° C Finalization time: 24 hours
Compressive strength	:	>60 NN/m ²
Consumption	:	2.2kg /smtr for 1 mm

APPLICATION METHODOLOGY

CONCRETE SUBSTRATE

SURFACE PREPARATION

- The moisture of the concrete surface must be less than 5%
- The application surface must be free from any material that can prevent adhesion such as: dust, oil, paint, curing agents, detergents, oil anti-moulding and silicone.
- Concrete slab should have a minimum tensile strength > 1.5 N / mm² (MPa)
- The substrate must have rough profile to ensure good bonding.
- Smooth surface must be made rough using suitable method
- The surface to receive the product must be dust free which may affect the bonding of the mixed product.

MIXING:

- Mix only that quantity that can be used within 20 – 30 minutes
- Take Component A (white color paste) in a suitable container. To that add component B (Black color paste) in equal quantity (1:1 by weight)
- Mix the components using drill mixer or any suitable mixer fitted with suitable paddle till uniform grey color is achieved.
- Ensure that the mixing has been done properly. Otherwise the product may leave some uncured portions in between.

- Graded aggregates (If required) may be added after proper mixing. The total amount of aggregates required may depend upon the consistency required. Typically, approximately 40 – 60% of aggregate may be added.
- If the aggregates are light weight then 25 – 40 % aggregate may be added depending upon consistency required.
- However trials are suggested to optimise the aggregates required depending upon the usage and type of aggregates available at site.

NOTE: As it is without aggregate also the ACF EPOXY JOINT is non sag

APPLICATION:

- The mixed putty may be applied using spatula, Putty blade or flat trowel.

STEEL SURFACE

- Proper surface preparation norms have to be followed for application on steel. Like removing rust by suitable methods like sandblasting etc. Proper surface preparation is key for better performance on steel substrates.
- The mixing of putty remains the same as above.

PACKAGING

Comp A: 4 Kgs

Comp B: 4 Kgs

Packed in pails.

STORAGE:

The product must be stored under shade, away from direct sunlight

SHELF LIFE

The product has a shelf life of 12 months from the date of manufacturing when stored as above in unopened seal condition

Health & Safety

- The product should not come in contact with the skin and eyes, or be swallowed.
- Ensure adequate ventilation and avoid inhalation of vapours as some people are sensitive to resins, hardeners and solvents.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately - do not induce vomiting.

Note: The initial controls of our product are made during the production phase. We guarantee the quality of our products. All recommendations and instructions on the data sheet are generally based on our experience. Please contact us for applications on special surfaces are not mentioned in the datasheet. Our company reserves the right to update the information on the data sheet in case of technical needs without notice.

ALAZIZYA Chemicals Factory

PO Box: -21898, Street 1, New Industrial Area

Doha –Qatar

Telephone: - +97444110552

Fax. No: -

www.alazizyachemicals.com