

PIOREP CF

High performance extra fine premixed crack filler

DESCRIPTION

PIOREP CF is high performance, non-oxidized, non-shrink single component crack filler, that contains blended cements, graded sand & chemical additives to improve consistency, surface finish and workability, it can be used to fill cracks, honeycomb, and cosmetic finish over minor defacements.

USAGES

- Crack filler to be used over smooth concrete and plastered surfaces, and it can be used for cracks up-to 5 mm thickness
- Repair interior and exterior façade onto wet and dry walls & ceilings.

STANDARDS

PIOREP CF complies with;

- ASTM C109
- ASTM C348
- ASTM C150
- BS EN 1015-12

TECHNICAL DATA

PIOREP CF

Appearance

Grain size

Bulk Density

Wet Density

Thickness range

Pot Life

Setting Time

Compressive strength

Flexural strength

Typical values

White/ Grey powder

≤ 0.075 mm

1.0±0.1 kg/l

1.85±0.1 kg/l

Up to 5mm

20 – 45 min

60 min

≥ 15 N/mm²

≥ 2 N/mm²

ADVANTAGES

- Requires only addition of water on site at application time
- Adjustable consistency
- High mechanical & heat resistance properties
- Low permeability ensuring durability
- Non-toxic and does not contain any harmful ingredient
- High early and ultimate strengths
- Compatible with concrete surfaces
- Formulated for the Middle East climate

USAGE INSTRUCTIONS

1. Surface preparation

All surfaces shall be sound, clean and free from dust, oil & grease and any contaminants that may affect the bond between the product and substrates. It is recommended to open cracks and clean them by air blower and surface should be wetted by water reaching SSD (Saturated Surface Dry) condition prior to applying.

2. Mixing

Use a suitable clean container, add suitable amount of water per bag (refer to the table), and add **PIOREP CF** gradually, mixing simultaneously using high torque medium speed drill mixer of speed 400-500 rpm and a proper paddle for about 60 seconds, mix thoroughly until homogeneity is achieved.

CONSUMPTION

PIOREP CF

Water/20 kg

5.75 – 6.25 liters

Water/50 kg

16 – 18 liters

Yield/50kg bag

27 liters

3. Application

After thoroughly mixing **PIOREP CF** with water, apply it on the moistened wall surface firmly from bottom to upward direction uniformly with the help of putty blade scrapper. This would ensure less wastage and proper finish.

4. Curing

PIOREP CF is a cement-based material, that should be cured properly by spraying water for 3 days.

5. Cleaning

Tools contaminated with **PIOREP CF** may be cleaned using clean water, hard material can be removed by hand tools or mechanically.

PACKAGING

PIOREP CF is supplied in 20kg & 50kg bags.

HEALTH & SAFETY

PIOREP CF is non-toxic and non-hazardous if material comes in contact with skin, cleaning with water and soap is recommended.

For Ecology: Do not dispose directly to water or soil, re-use it if possible or mix with water and wait until it hardens then bury it in landfill in accordance with national regulation.

STORAGE & SHELF LIFE

PIOREP CF shall be stored in normal conditions away from extreme temperatures, and any source of moisture. Shelf life is 12 months.

TECHNICAL SERVICE

The technical service department of Arkaz is available to assist in the correct and best use of our products, these resources and advice are at your disposal entirely without obligation.

Please contact:
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