

ALEXGROUT OCF



**Fiber- Reinforcement, Non shrink, Free flow
Cementitious Grout**

Description

ALEXGROUT OCF is a ready to use, pre packed product in powder form. Non shrinkage and non metallic fiber reinforced cementations grout with non staining, high Strength, high fluidity characteristics **ALEXGROUT OCF** is formulated from selected aggregates fibers and shrinkage compensated material.

Uses

- Milling equipment
- Gas turbines
- Crane beams.
- Anchor bolts for steel structure, tanks, machines .
- Generators base plates.
- Filling the areas between precast panels and the building.

Advantages

- Fiber reinforced
- Free from chlorides and aggressive materials that cause corrosion of steel.
- High strength for maximum load bearing.
- Highly fluid for easy field use.
- Early strength obtained to minimize the loose of time for machines.
- No segregation or bleeding at high fluidity.

Standard

According to ASTM C1107 grade A

Surface preparation

- Remove all lose material from the surface such as oil,dust,paint,curing compound or other contaminated material that decrease the adhesion force.
- Confirm both of the strengthened and the sealed of the shuttering to prevent from leakage during casting.
- Saturated the old surface by water.
- Remove all excess water before casting the grout.

Properties

| Compressive strength N/mm² | Flowable | Non-Flowable |
|--|--|----------------------|
| 1 Day | 35 N/mm ² | 40 N/mm ² |
| 3Day | 48N/mm ² | 61 N/mm ² |
| 7 Day | 58 N/mm ² | 72N/mm ² |
| 28 Day | 78 N/mm ² | 85N/mm ² |
| Density | Fresh wet density is around 2150 kg/m ³ | |
| Tensile strength | 40 N/mm ² | |

Guide to application

Mixing:

- Use from 3.5 to 4.0 lit of potable water to 25 kg bag depending on consistency required. First add the required quantity of water and then **ALEXGROUT OCF** dry powder as the mixer operates, mix for 3 min then place the grout, insure the casting from only one side to avoid air entrainment and to insure complete filling
- Do not add sand or gravel on site & use mortar mixer or mixing drill according to the quantity required.
- A rod may be used to help in placement.
- Keep the head box to ensure continuous flow.
- For big quantity grout pump may be used.

Coverage:

The approximate yield per 25 kg bag at each consistency is 12 lit for trowelable and 13.50 lit for flowable.

Guarantee:

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

Technical Service:

For any technical advice for using the **ALEXCHEM** contact the technical office.

Storage:

Store out of direct sunlight, clear of the ground on pallets protected from rain fall.

Protect from extremes of temperatures. Store in shaded area.

Packing:

Is supplied in 25 Kg Bags.

Shelf life:

Up to 12 months if stored in unopened containers according to the manufactured instructions

Safety precautions:

- Avoid contact with eyes, mouth, and skin.
- Treat splashes to eyes by running water.

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