



# 7003 ABR GROUTECH

Quick Setting Grout Mortar (10-50 mm)  
It is a cement-based, single component, non-shrink, flowable consistency, quick setting, high strength self-consolidating grout mortar which is specially prepared without decomposition and perspiration.

## Places of Usage

- For raising manhole, storm drain covers,
- Mounting of curbstone and kerb,
- Forfixing the poles,
- Forfixing the machine feet,
- Repair of field concretes, aircraft and helicopter runways,
- For repairs that will be opened quickly and where high strength is required,
- For combination of the prefabricated concrete elements,
- Filling the gaps in hard-to-reach places,
- Fill the gaps around the pipes and components of the installation.

## Features / Advantages

- After the application, it is set in 20 minutes at the latest. Can be used after 1-2 hours.
- Due to its viscosity, it fills the gaps and can be easily applied with a pump.
- Prevents shrinkage after setting.
- If desired, a high strength and fluid concrete can be obtained by mixing 25% with clean aggregate number I.
- Resistant to oil and water permeability due to its high density.
- Does not contain metallic aggregates and chlorine.

## Application Directions

### a) Surface Preparation:

The application surface should be cured. The application surface should be free of weakly adhering parts and must be free from dust, oil, tar, pitch, paint, silicone, curing agent, detergent and molding oils. When it is used to place the machine feet, the mortar should be leveled and then not changed position. The application surface should be wetted and kept moist, but the excess water that ponds the application surface should be completely removed. If there is water leakage on the application surface, it should be closed with a suitable plug and water leakage should be drained. In order to prevent leakage, the molds should be intact and the application area should be prevented from being subjected to vibration until the mortar hardens.

### b) Product Preparation:

To obtain a fluent consistency, firstly, half of the powder in 25 kg bag is added to 3.25-4 liters of water and mixed with a low speed (400 - 600 rpm) mixer until no lump remains. The remain powder is then added and stirring is continued for at least 2 minutes to obtain a homogeneous consistency.

### c) Application Method:

It should be applied immediately after the mixture is prepared because it gets quick setting. The prepared mortar is poured continuously from one side to prevent air squeezing into the mold in a way to form a thickness between 10 mm and 40 mm on each layer. For thicker applications, after the first coat is cured, the second coat is applied to the surface in the same way. It should not be subjected to vibration and placement with a steel wire should be done. Molds can be removed after approximately 1 -2 hours. Vehicle traffic or starting of machines must be prevented until complete curing occurs.



# 7003 ABR GROUTECH

Quick Setting Grout Mortar (10-50 mm)  
It is a cement-based, single component, non-shrink, flowable consistency, quick setting, high strength self-consolidating grout mortar which is specially prepared without decomposition and perspiration.

## Issues to be Considered

- Avoid application at temperatures below +5°C and above +35°C.
- It is necessary to be extremely sensitive in water ratios during mixing. It should be mixed with a low speed mixer and not manual mixing.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours or exposed to direct sun and wind.
- Never add water and powder to the mortar that has expired.

## Cleaning of Tools:

Tools and equipment used should be cleaned with water after the application. 7003 abr groutech can only be removed mechanically from the surface after hardening.

## Security Warnings

- S2 Keep out of the reach of children.
- S24/25 Avoid contact with eyes and skin.
- 526 In contact with eye, wash with water and consult a doctor.
- 528 In contact with skin, wash immediately with plenty of water.
- 529 Do not empty into drains.
- 546 If swallowed, consult a doctor immediately and show box or label.

## Storage

It should be stored in unopened original package in a cool and dry environment by protecting from frost. For short-term storage, maximum 3 pallets should be placed over and over and the shipment should be made with first in first out system. For long-term storage, pallets should not be placed over and over. It can be stored for 12 months from the date of production if proper storage conditions are met. Opened packages should be kept tightly closed and stored under proper storage conditions and should be used within one week.

## Consumption

Approximately 20 kg/m<sup>2</sup>  
(For 10 mm thickness)

## Package

25 kg kraft bags. (64 kraft bags / Pallet)



# 7003 ABR GROUTECH

Quick Setting Grout Mortar (10-50 mm)  
It is a cement-based, single component, non-shrink, flowable consistency, quick setting, high strength self-consolidating grout mortar which is specially prepared without decomposition and perspiration.

## TECHNICAL SPECIFICATIONS

(23 °C and 50% Relative Humidity)

### GENERAL INFORMATION

Appearance

Gray powder

Shelf Life

12 months in unopened package in dry environment

### APPLICATION INFORMATION

Powder Density

~ 1,40 kg/lt

Water Mixing Ratio

3,25 - 4 lt water / 25 kg powder

Application Temperature

(+5 °C) - (+35 °C)

Compressive Strength

1 hours  $\geq$  10 N/mm<sup>2</sup> (EN 12190)

28 days  $\geq$  50 N/mm<sup>2</sup> (EN 12190)

Application Thickness (On each coat)

Min. 10 mm, Max. 50 mm

Walking Time On

24 hours