

**Repair, Reinforcement and Restoration /
Cement Based Repair and Grout Mortars**

REPAIRGROUT FAST

Fast Setting Shrinkage Compensated Flowable Grout Mortar

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DESCRIPTION

Cement based, single component, **shrinkage compensated, fast setting, high strength structural** grout mortar in **fluid** consistency which does not segregate or bleed. Complies with **R4** class.

APPLICATION AREAS

- Indoor and outdoor,
- Elevating manhole covers,
- Assembling paving stones and curbs,
- Anchoring poles and city furnitures,
- Anchoring machinery feet,
- Repairing concrete slab, runways and heliports,
- Repairs that will be put into use quickly and requires high strength,
- In the joints of prefabricated concrete elements,
- Filling the gaps in places that are hard to access

TECHNICAL PROPERTIES

Appearance	Grey colored powder
Powder Density	~ 1.40 kg/L
Water Mixing Ratio	3.25 – 4 L water / 25 kg powder
Application Temperature	Between +5°C and +35°C
Compressive Strength	1 hour : $\geq 10 \text{ N/mm}^2$ (EN 12190) 28 days : $\geq 45 \text{ N/mm}^2$ (EN 12190)
Application Thickness / Layer	Min. 10 mm, Max. 50 mm
Walk-on Time	2 hours

ADVANTAGES

- Setting is completed not later than 20 minutes after application. Can be open to use in 1 – 2 hours.
- Due to its flowability it can grout gaps and can be applied easily with a pump.
- Prevents shrinkage after setting.
- High strength and flowable concrete can be obtained by mixing with number I clean aggregate by 25%.
- Resistant to oil and water permeability thanks to its high density.
- Does not contain metallic aggregate and chloride.
- Only mixed with water and easy to apply.

CONSUMPTION

Appr. 20 kg/m² (for 10 mm thickness)

PACKAGING

25 kg kraft bags

APPLICATION

PREPARATION OF THE SURFACE

- The application surface must be cured.
- The surface must be free of weakly adhered parts and clear of materials which prevent bonding, such as dust, oil, paint, curing agents, detergents and mold release oils.
- When used to locate the feet of the machine; put the mortar on a scale and do not change its position.
- Wet the surface and keep it moist, but remove completely the excess water ponding on the surface.
- Close the active water leaks on the surface with a suitable plug and drain the water leak.
- Molds must be solid to prevent leakage, the area must be protected from any vibration until the mortar sets.

PREPARATION OF THE MORTAR

First, add half of the powder in a 20 kg bag to 3.25 – 4 liters of water and mix with a mixer with low speed (400 – 600 rpm) until there are no lumps. Then add the rest of the powder. Mix for at least 2 minutes until it is homogenous.

APPLICATION

- Since it sets fast, apply the mortar immediately after the mixture is prepared.
- Apply the mortar with a trowel, between 10 – 50 mm on each layer. Pour the mortar uninterruptedly from only one side of the mold to prevent air entrapment. For thicker application, apply the second layer to the surface in the same way when the first layer is dry.
- Do not expose to vibration, locate with a steel wire.
- Remove the molds in approximately 1 – 2 hours.
- Prevent vehicle traffic or operation of machinery until it is completely hard.

CAUTION

- Avoid application at temperatures below +5°C and above +35°C.
- Be extremely sensitive in water ratios. Mix it with a low-speed mixer and do not mix manually.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours, or in areas open to direct sun and wind.
- Do not add water and powder to the expired mortar.
- Use only unopened packages.

SHELF LIFE

Expires in 6 months. Store unopened packages in non-humid environments. Stack up to 10 packages on the pallet.

HEALTH AND SAFETY

As with all chemical products, contact with food, skin, eyes and mouth should be avoided during usage and storing. During the application, work wears, protective gloves and goggles should be used according to the work place health regulations. If swallowed by accident, consult a doctor. Rinse with water in case of contact with skin. Keep out of reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Construction Chemicals Ltd. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.