



CR MORTAR 1030 R

HIGH STRENGTH, FAST SETTING MORTAR

- Very fast setting
- High compressive strength
- Fast and easy application

DESCRIPTION

CR MORTAR 1030 R is a single component, polymer reinforced, high resistance repair mortar that sets in three hours and can be applied up to 30 mm thickness in one application.

TYPICAL APPLICATIONS

- Internal and external applications,
- Concrete repairs where minimum shutdown period is required,
- Fitting manhole frames,
- Mounting sewer system rings and new manhole structures,
- Sewer and manhole wall reconstructions and repairs,
- Fixing kerbs and pavement stones,
- Repairing prefabricated elements,
- Concrete repairs on runways and bays,
- Repairing concrete surfaces subject to vehicle and pedestrian traffic,
- Concrete repairs in operational plants,
- Fixing concrete structures in water tanks and ducks where a short shutdown period is required.

ADVANTAGES

- Very fast setting.
- Early high resistance.
- Sets within 3 hours.
- High compressive strength.
- Does not decompose or leak.
- Resistant to freeze/thaw cycle.
- Can be applied up to 30 mm thickness in a single layer.

TECHNICAL PROPERTIES

Colour: Grey

Physical Appearance: Powder

Mortar Density: 2,15 ± 0,05 g/cm³

Application Temperature: +5 °C - +30 °C

Application Thickness: max. 30 mm

Pot Life: 30 min.

Time Required To Be Operational: 1 hour

Initial Set: 1 hour

Service Temperature: -20 °C - +80 °C

Compression Strength (EN 12190):

> 10,0 N/mm² (1 day)

> 45,0 N/mm² (28 day)

Bending Strength (EN 12190):

> 2 N/mm² (1 day)

> 4 N/mm² (28 day)

Above given values are valid at 23 °C ve 50% relative humidity.

Reference Standards

In accordance with EN 1504-3/R3

Public Works Pos. No: 04.613/8-b

DIRECTIONS FOR USE

SURFACE PREPARATION

- Application surface should be clean, and free from dirt, oil, paint, loose particles, mortar and plaster residues.
- The surface should be saturated with water before application, but any standing water should be removed.

APPLICATION

- **CR MORTAR 1030 R** is a ready to use product. 25 kg of **CR MORTAR 1030 R** is mixed with 3.25 liters of water using a low speed mixer for 3 to 5 minutes. Rest the mixture for 1 to 2 minutes, and then mix again before use. Apply to dampened surface with a trowel or a spatula.

WATCHPOINTS

- Required water ratio should never be exceeded.
- The mix should not be retempered by any addition of powder or water.
- Do not apply below +5 °C.

CONSUMPTION

25 kg of **CR MORTAR 1030 R** will yield approx. 12.5 lt of mortar.

PACKAGING

25 kg craft bag

STORAGE and SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions.

HEALTH and SAFETY

As with all chemical products care should be taken during use and storage. Avoid contact with food, skin, clothes, eyes and mouth. If accidentally ingested seek immediate medical attention. In case of contact with skin or eyes, wash with a plenty of water and soap. Should be kept away from children. Reseal containers after use. Please consult Material Safety Data Sheet (MSDS) for further information.

NOTE: Information contained herein is based on our current scientific and application information. INTERFIKS Yapı Kimyasalları A.Ş. is liable only for the quality of product, and shall not be liable for consequences of any inappropriate uses of the product. This technical document shall remain in effect until a newer version is printed, and hereby substitutes all previous versions hereof. (01/2015)