Adopatch Kerb Repair

Technical Specifications

Rapid Setting, Quick Return to Service Kerb Repair Mortar

ADOPATCH Kerb Repair Mortar is a single component rapid setting cementitious repair mortar with the inclusion facilitating quick return to service. The mortar has a working time of 10-15minutes and a setting time of 20-30minutes at 20°C. It has been developed for the rapid repair of kerb stone, cracks and holes in flooring, walls, stairs and steps. It can be ready for overcoating within 90 minutes. It is suitable for vertical applications—no cracks or sagging.

It is shrinkage compensated and crack free

Advantages

- Working time 10-15 minutes / Setting time 30 Minutes
- Rapid setting mortar that facilitates quick return to service
- Easy to use—mix only with clean water
- Ideal for the rapid repairs to damaged kerb stones, crack & holes in flooring., stairs & steps
- slump free- - easy to smooth & float
- Suitable for vertical applications

Application

Typical data

Mix Ratio (water/powder): 1: 4.6-4.8 by weight (approx. 17-19% water)

Walk on Setting Time 20-30 minutes @20°>C

Working Time :10-15minutes (@20°C)

Compressive Strength (MPa) after 28 days > 35N/mm²

Flex Strength after 28 days >4MPa

Fresh Wet Density 2.05 +/-0.10 g/cm^3

Application thickness 2mm –20mm unfilled and 20-50mm when blended with equal weight of a graded aggregate

Instructions for Use

Ensure surface is sound, clean, and free from laitance, loose materials, oil, grease or other surface contaminants. If necessary hack surface back to reach a sound plane. To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. Add 1.8 litres of water to a clean container. The powder is then added slowly while mixing continuously with low speed mixer/drill(400-600rpm). Mixing should continue for 3 minutes until a uniform, smooth, slump free consistency is achieved. Only mix enough mortar that can be applied before the product begins to set (approx. 10-15 mins).

ADOPATCH Kerb repair Mortar can be applied up to a thickness of 20mm. Over 20mm but not exceeding 50mm, should be bulked out with an equal weight of graded aggregate. compounds are best applied in situations up to a maximum of 20mm (range 5-20mm) thickness per layer. The working time will be extended at low temperatures and reduced at higher temperatures. Immediately after completion of mixing apply by clean steel trowel pressing firmly onto surface smoothing and finishing with trowel or float kept moist and clean.

Clean tools and equipment with water before material has hardened. Due to moisture retention of the polymer no special curing procedure is generally neces sary excepting in high ambient temperatures or windy conditions when it is advisable to take precautions to prevent rapid drying of the compound

Storage

Store in dry conditions and keep the container sealed when not in use.

Shelf Life

When stored correctly, the unopened shelf life is 12 months for pails and 6 months for sacks

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Specification

Adopatch Kerb Repaid Mortar is supplied by Adomast Manufacturing Ltd and shall be applied strictly in accordance with the manufacturers instructions for specified advice regarding any aspect of this product, please consult our Technical Department.

Health and Safety

In common with other cementitious materials ADOPATCH KERB REPAIR is highly alkaline and therefore corrosive. C

It can cause serious eye damage and skin irritation

contact with skin and eyes should be avoided. When handling & using suitable PPE including gloves, overall and goggles should be worn. If contact with skin should occur wash affected area well. Should material enter eyes irrigate thoroughly with clean water and if discomfort continues seek medical advice without

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