



ZONEPATCH

ULTRA STRENGTH, ULTRA FAST CURING MORTAR

TECHNICAL DATA SHEET



PRODUCT DESCRIPTION

ZONEPATCH ULTRA STRENGTH, ULTRA FAST CURING MORTAR is rapid setting cementitious repair mortar suitable for heavy duty pavement/flooring corrections. This is a single component powder that turns into a flowable compound when mixed with water, allowing for the ease of application and de-risking workmanship error during application. The state-of-the-art mix of special additives allow for the rapid setting and compressive strength gain in 2-3 hours.



RECOMMENDED APPLICATIONS

- Pavement and flooring repair work
- High urgency concrete repair
- Airline runway repair



ADVANTAGES

- Abrasion and weather resistant
- Shrinkage compensated
- High compressive strength
- Impressive flowability/self-leveling property
- Rapid curing and setting properties allow for the least down time in operations
- Can be subjected to vehicular traffic within 3 hours



PRODUCT INFORMATION

MIX RATIO: mix 4 to 4.5 liters of water to a 20 kg bag
MIXING TIME: 3 mins
WORKABLE TIME: 25mins
SETTING TIME: 1hr
CURING TIME: 3hrs
COMPRESSIVE STRENGTH: 2,980 psi after 3 hrs; 6,970 psi after 1 day; 8,950 psi after 3 days
TRAFFIC TIME: 1hr pedestrian, 3 hrs vehicular
PACKAGING: 25 kg bag
STORAGE: Store in a cool, dry place, away from direct sunlight.
SHELF LIFE: 6 months from manufacturing date



ENVIRONMENT

Our facility complies with the proper waste management procedures. Our products are also free of ozone depleting substances.



SUSTAINABILITY

Our company is committed to Carbon Neutrality thru our various programs such as our GHG Emission Reduction Logistics Approach and OPTI Trees Planting Program.



APPLICATION INSTRUCTION

SURFACE PREPARATION

All substrates should be clean and free of unsound materials, dust, plaster, oil, paint, grease. The extremities of repairs should be at least 5mm to avoid feather edging. Any embedded steel should be cleaned to remove corrosion deposits and exposed to at least 60% of the circumference.

PRIMING

For light to moderate traffic applications, apply 1 coat of BONDCRETE BONDING AGENT to the surface prior to the application of the product. Bonding agent should still be wet or tacky upon the application of **ZONEPATCH ULTRA STRENGTH, ULTRA FAST CURING MORTAR**.

For heavy traffic applications, apply 1 coat of BONDCRETE STRUCTURAL BONDING AGENT to the surface prior to the application of the product. The bonding agent should still be wet or tacky upon the application of **ZONEPATCH ULTRA STRENGTH, ULTRA FAST CURING MORTAR**.

APPLICATION

Measure 4.0 to 4.5 liters of water to the powder mixture. Compound should be placed within 25 minutes in order to gain the full benefit of fluidity.

ZONEPATCH can be applied up to 100 mm thickness in single application.



ESTIMATING DATA

Every 25 kg of **ZONEPATCH** yield 14 to 15L of workable mortar.



HEALTH & SAFETY

ZONEPATCH should not come in contact with skin and eyes or be swallowed. In case of contact with skin, rinse with plenty of clear water, then cleanse with soap and water. Wear suitable protective clothing, gloves and eye protection. Ensure good ventilation. Refer to Material Safety Data Sheet for more information on Health and Safety.



QUALITY & DURABILITY ASSURANCE

Our stringent Quality Assurance Procedure for every batch of products manufactured. Our R&D Laboratory based in our production facility ensures that scientific Quality Control Parameters are measured for quality.

Our Quality Control Parameters ensure the stability of our products, ensuring the long-term durability amid exposure to various element and weather conditions.

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