



ADVAMIX

Advanced Building Materials

Adva-Repair Top

Product Description

Adva-Repair Top is a high polymer-modified cementitious, fiber-reinforced, shrinkage-compensated repair mortar product for repairing work of all the cementitious substrates e.g., concrete floors, beams, slabs and columns. Adva-Repair Top is specially designed & formulated with microfiber, polymers, high-grade quartz sands, and non-shrinkage additives to provide high strength without cracks .

Features and Benefits

- One component and easy to apply .
- Fiber-reinforced & Shrinkage-compensated product .
- Bonds very well to concrete, masonry and blocks .
- Can be mixed with water or Adva-latex P .
- High strength & fast setting .
- Excellent workability - can be sculpted and shaved with ease .
- Vertical/overhead applications .
- Suitable for interior/ exterior application .

Where to us

- Joint repair of concrete walls .
- Deteriorated edges .
- Restoring the structure of damaged concrete surfaces : columns, floors, slabs and beams .
- Repairing cracks on concrete floors, spalls or holes in concrete .
- Over the visible steel reinforcement bars .
- Repairing the precast concrete .
- Suitable for levelling uneven surfaces, filling honeycombs and pin holes .

Limitations

- Not recommended to use it on gypsum-based substrate .
- Do not use the product after it becomes difficult to apply.
- Prepare a fresh mixture .
- Do not mix with others binder .
- Do not apply over substrates containing asbestos .
- Do not overmix or overwork .



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Surface Preparation

The surface should be sound, dry, clean and free from loose material, grease, laitance, dirt curing compound, efflorescence, varnish, wax, oil, and gypsum residues. The surface should be swept to remove any loose material and prewetted with clean water or **Adva-latex P**



Preparing the mix

Pour into a clean container approximately 3.5 liters of cold water for 15 kg bag. If **Adva-latex P** is being used, replace partially amount of water approximately 0.5 liter with **Adva-latex P** and mix before using this solution. Add the **Adva-Repair Top** powder to the water or prepared solution and mix with a low-speed electric drill fitted with a suitable paddle for at least five minutes, until a uniform, lump free, homogenous consistency mix is achieved. Hand mix for small repairs



Application

Before application, ensure that prepared concrete surface is saturated surface dry (SSD) by prewetting the substrate by water or **Adva-latex P**.

Apply a scrub coat of **Adva-Repair Top** paste then place another layer of the **Adva-Repair Top** paste by float before the applied scrub coat dries out working from the center of the repair to the outer edge. Keying in and compact thoroughly. Finish the application similar to the surrounding concrete. **Adva-Repair Top** can be shaved after material has reached initial set for further finishing

Curing

Protect **Adva-Repair Top** from high wind or direct sunlight during curing.

Damp cure for 3 days. Begin curing as soon as the patch has set by keeping surface moist as per ACI recommendations for Portland cement concrete, using burlap, polyethylene or a fine mist of water. If this is not practicable, coat with an approved water based curing compound, (contact Advamix Technical Department for approved products). However, curing compound may adversely affect following lifts of mortar, leveling mortar or protective coatings .

Clean-up

Immediately clean tools and equipment with water before the material hardens. Hardened material must be mechanically removed .

Note :

Installer is responsible for proper product application. Site visits by Advamix personnel or representatives are solely for the purpose of making technical recommendations, not for providing supervision or quality control

Packaging

Adva-Repair Top is available in 15 kg bags .

Storage

Adva-Repair Top is stable for at least 12 months when stored in a dry place & standard storage condition .

HEALTH AND SAFETY

Adva-Repair Top contains cement. Contact with moisture or gauging water sets off an alkaline reaction which may cause skin irritation and/or caustic burns to mucous membranes (e.g., the eyes). Risk of serious damage to eyes, therefore avoid contact with eyes and prolonged contact with skin. In case of contact with eyes immediately rinse with plenty of water and seek prompt medical attention. In case of contact with skin change contaminated clothing at once and immediately wash skin with plenty of soap and water. Wear suitable protective gloves (e.g., cotton gloves soaked in nitrile) and safety goggles/face protection. If ingested seek prompt medical attention and show packaging or this product data sheet. Keep out of reach of children .

