

JAZEMONOTOP-100

High Performance, High Strength, Non-shrink, Single component fine quality putty, Fairing coat and Cosmetic mortar for good stability.

Product Description:

JAZEMONOTOP -100 is ready-to-use high performance, high strength, non-oxidized, non-shrink, Single component fine quality putty, fairing coat and cosmetic repairing agent for good stability which requires only the addition of water to produce non-shrink putty. It contains selected Portland cements, silica fume, shrinkage compensating materials and modifiers that permit to be applied in a 2 to 10 mm thickness without any problems. It specially formulated for civil and mining applications on horizontal and vertical & overhead surfaces.

Uses:

JAZEMONOTOP-100 is formulated to be used as high performance, high strength, non-oxidized, non-shrink, Single component fine quality fairing coat and cosmetic mortar for good stability for civil & mining applications in:

- As fairing & cosmetic coat to repair any concrete surface defects.
- Structural repair materials for the underside of bridge decks, bridge piers & beams
- Repairs of tunnels, sewer pipes, drains, seal walls and culverts.
- Repair of parking garages, ramps, beams and dams.
- Tunnel linings and embankment stabilization.
- All similar works.

Advantages:

- Easy to mix and to apply.
- Overcoat able.
- Excellent impact & abrasion resistant.
- Non-oxidized, non-shrink.
- High mechanical properties.
- Low permeability ensuring durability.
- Non-toxic and does not contain any harmful ingredients.
- High early and ultimate strengths.
- Chloride and nitrate free.
- High bond strength to concrete and steel.
- Heat resistance properties.
- Formulated for the Middle East Climates.

Technical Properties:

Appearance	Available in Grey and White color
Mixing Ratio (Water to powder)	4.5 Liters to 25 kg powder
Yield	17 liters
Fresh wet density @35 °C (kg/m³)	2.1
Setting Times @ 35 °C	45 minutes
@ 50 °C	30 minutes
Compressive Strength (N / mm²)	
After 24-hours	16
After 7-days	28
After 28-days	37
Bond Strength	2 N/mm ²
Tensile Strength	10 N/mm ²
Chalking	Nil
Layer Thickness	Minimum: 2 mm Maximum: 10 mm
Application Temperature	5 °C to 70 °C



Guide for Applications

Surface Preparation:

All surfaces shall be sound, clean and free from dust, oil & grease and any contaminants that may affect the bond between the product and substrates.

Mixing:

When mixing small quantities by hand add 5 parts of JAZEMONOTOP-100 with 1 part of water. In normal conditions when mixing 25 kg of JAZEMONOTOP add 4.5 liters of water slowly and mix thoroughly with mixing paddle of speed 400-500 rpm until homogeneity is achieved. |

Application:

After thoroughly mixing JAZEMONOTOP-100 with water, apply it on the moistened wall surface from bottom to upward direction uniformly with the help of putty application blade. This would ensure less wastage and proper finish.

Curing:

JAZEMONOTOP-100 is compatible with all curing agents and water. There is no need of curing in moderate temperatures. In cold conditions, the finished application must be protected from freezing.

Cleaning:

All equipment & tools shall be cleaned with water after work immediately. Cured materials will be cleaned mechanically.

Packaging:

JAZEMONOTOP-100 is supplied in well sealed 25-Kg packs.

Storage & Shelf-life:

JAZEMONOTOP-100 shall be stored in normal conditions away from any extreme temperatures, or any source of moisture. 12-monthes if stored properly in well-closed containers.

Health & Safety:

- JAZEMONOTOP-100 is non-toxic, non-hazardous during handling, storage and use, but dust mask and gloves are recommended.
- For Ecology: Do not dispose directly to water or soil, re-use it if possible or bury it in landfill in accordance with the National regulations.
- Splashes on skin will be washed with water and soap.

JCC CONSTRUCTION CHEMICALS

The information herein is general information to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the application they intend to use our products for.

JCC endeavors to ensure that any advice, recommendation, specification of information in accurate and correct manner.