

JAZE PUTTY – HF 50

High Performance, High Strength, Non-shrink, , Single component fine quality putty for good stability

Product Description:

JAZE PUTTY – HF 50 is ready-to-use high performance, high strength, non-oxidized, non-shrink, Single component fine quality putty 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 1 to 3 mm thickness without any problems. It specially formulated for civil and mining applications on horizontal and vertical & overhead surfaces.

Uses:

JAZE PUTTY – HF 50 is formulated to be used as high performance, high strength, non-oxidized, non-shrink, Single component fine quality putty for good stability for civil & mining applications in:

- 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.
- 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 Water / 20 Kg	6 Liters
Yield	12 - 12.50-liters
Specific Gravity @20 °C (wet)	2.1 – 2.2
Setting Times @ 20 °C (Initial)	5-minutes
Compressive Strength (N / mm²)	
After 3-days	15
After 7-days	20
After 28-days	25
Flexural Strength (N/mm²)	
After 24-hours	4
After 3-days	5
After 28-days	8
Bond Strength	2 N/mm ² after 28-days
Expansion Behavior	It will start after initial setting till 28-days.



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.

Application:

Application over Concrete & masonry Surfaces.
Surfaces shall be damp but no standing water.
Apply with steel trowel, steel spatula and filling knife.

Curing:

JAZE PUTTY – HF 50 should be cured with JAZELATEX or JAZE BOND in high temperature and drying wind conditions. In moderate temperatures with little winds JAZEPUTTY - SC may not require curing. 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:

JAZE PUTTY – HF 50 is supplied in well sealed 20-Kg packs.

Storage & Shelf-life:

JAZE PUTTY – HF50 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:

- JAZE PUTTY – HF 50 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.