



MEGATITANIUM

Polymer Modified Titanium Cut Cement

Product Description

MEGATITANIUM is an exceptional product that formulated to provide high strength, single component titanium based cut cement coating material which can be applied on wall or floor surfaces. Easy to spread, anti-crack, damp-proof, easy sanding and alkali- resistant.

Advantages

Ideal for Masonry walls and floors

- Provide smooth and decorative finished surface without imperfections such as pinholes and hairline cracks
- Incorporated chemical in the medium provide good waterproofing to masonry walls and floors
- Easy to use: just add water and use
- Good workability: does not shrink, crack or sag

Ingredients

- Cement
- Titanium dioxide
- Thickeners & Leveling agents
- Crack proofing additives
- Waterproofing chemicals

Colors

- Grey
- Sandstone
- Black and Many shades on request

Properties

Appearance	Powder, Single Component
Composition	Cement, Synthetic polymers, mineral fillers and additives
Bulk density	Approx. 1.3 kg/m ²
Fineness (ASTM C136- 96 a))	0% on 150 µm sieve
Compressive strength	
1 Day	6.5 N/mm ²
7 Day	18.5
28 Day	24.0
Flexural Strength	
28 Days	6.7 N/mm ²
Adhesive Strength	
28 Days	>1.0 N/mm ²

Surface Preparation

The surface must be free from any contaminants such as oil, grease etc. Cement mortar must be allowed to cure for at least 3 days. If the surface is too dry, damp with water before application. If the surface is too smooth, make it rough with a wire brush/ with an angle grinder.



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Application

1. Sieve before using the powder
2. Apply the first layer with a correct trowel or putty handle and spread evenly on the floor/ wall.
3. Allow the first layer to dry completely , at least 6 hours
4. Then apply second and third coats
5. The finished layer must be 3 - 4mm up to the surface level.
6. Let each coat the surface to dry at least 01 day or more
7. Check whether the surface level is in order
8. After the second layer it must be sanded with a 180 sand paper. Then the third layer must be sanded with 320-400 no. sand paper/ if the coating is cutting with a machine the cutting pad should be 400. For better finish the surface must be again sand paper with 800 G (pls refer the method statement).
9. After sanding is finished, MEGASEALER 2 coats to be applied in order to harden the surface.
10. For a better shine, 1 coat of top coat can be applied.

Precaution:

1. Do not mix the cured titanium with water and reuse.
2. Do not use the product when the ambient temp above 40°C or below 5°C
3. The mixture should be used up within 3 hours under hot climate, and 5 hours in cold climate.
4. Sanding to be done after 48 hour

Product Mixing Ratio

Titanium powder: 20 Kg / Water 6-8 Ltr

Packaging

MEGATITANIUM 20 Kg POLYBAG

Storage

Un-opened bags can be stored for up to 12 months in a cool and dry environment.

Cleaning of Tools

Clean tools and equipment with water immediately after use. Cured material can only be removed mechanically.

Health & Safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

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