MD – MARBLE DENSIFIER

for Better Quality & Durability

CETEX MD is concentrated specially formulated water based nano-silicate based densifier/hardener that penetrates into the **marble / granite** and solidifies to make it hard and dense. The process of densification reduces liquid penetration, dusting and creates a pure silica coating (glass), which has high resistance to abrasion & heat thus reduces maintenance. **CETEX MD** doesnot form a film on the marble and thus marble retains the natural look.

ADVANTAGES

- Densifies, dustproofs and seals marble surfaces, increases abrasion resistance.
- By reducing the pores of the surface, it strengthens the surface.
- Can be applied on any both new as well as old marbles surface.
- Treated surface is breathable & UV stable, but seals micro-channels against chemical attack and corrosion. Protects from weathering and efflorescence.
- Penetrates deep to improve hardness, compressive and flexural strength of surface.
- Reduces application time and costs of diamond polishing operations.
- Proper grinding results in a permanent glass like surface gloss which improves with usage.
- Makes the surface better looking and dust-proof. Will not yellow, discolor, peel or flake.
- It is water based concentrated liquid. Hence economical for transport.
- Non-flammable. Non-toxic. Odorless.
- Reduces maintenance, cleaning costs and repairs. It is economical to use.
- VOC content is nil, thus helps earning LEED points in green building.

PROPERTIES

Total Solids Content	: 24% +/- 1.00
Specific Gravity at 25°C	: 1.18 +/- 0.02
pH	: Alkaline
VOC Content	: Nil

COVERAGE

100 – 300 sq ft/kg depending on porosity of the surface.

APPLICATION & POLISHING METHODS

- Clean the surface before application. If there is coating on the surface, it should be removed. Fill and repair all holes, cracks and deteriorated areas. For best result, the surface should be dry to touch to allow diluted **CETEX MD** penetrate the pores and react.
- Grind the marble surface by 60, 100 & 200 grit before applying the chemical.
- **CETEX MD** is concentrated material. For better result dilute 1 part MD with 3 parts of soft/potable water. It can be applied on old or new marbles by using a low-pressure sprayer or brush or by flooding.
- For Horizontal surfaces, apply enough diluted **MD** to keep the surface wet for 20 minutes. If areas dry out before that, apply more diluted **MD**. For better result, let the applied surface cure for 24 hours.
- Grind the treated surface with 400grit, followed by800 grit and 1500 grit. Clean the surface. Burnish by 3000 grit Diamond Polishing Pad for high gloss.
- For vertical surfaces, apply from the bottom up. For maximum penetration and desired coverage rates, a wet-on-wet application is recommended; re-treat within three to five minutes after initial application. Repeated applications should be made to ensure the surface remains moist for around 20 minutes.

PACKING & STORAGE

CETEX MD is available in 60 kg carboy and 250 kg plastic drum. Customized packing provided on request.

CETEX MD has a shelf life of 12 months from date of manufacture, when stored in an airtight, sealed container under proper shade away from direct sun and heat.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY -The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, the results obtained may differ depending on usage or workmanship.