



BUILDROCK FLOOR HARD-CTM

METALLIC MINERAL DRY SHAKE FLOOR HARDENER .

TECHNICAL SPECIFICATIONS & DATA SHEET

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DESCRIPTION

Buildrock floor Hard -CTM is a metallic dry shake floor Hardener .it is a one part pre blendedCementitious grey powder for concrete,consisting of cement ,hard metallic top non corroding ,special admixture and Pigment .Buildfloor provide dense tough and 10 time abrasion resistance compare the Control Concrete .it is also available in different color (Green ,Red ,offwhite ,white ,Blue etc).

AREAS OF APPLICATION :

- Industrial park
- Logistic Park
- Warehouse
- Loading Docks
- Powerstation
- Machine works plant
- Machine maintenance shop floor .
- High durability requirement distribution center

ADVANTAGES :

- The following advantages are given below .
- Highest wearing resistance
- High abrasion resistance
- High Impact resistance
- Available in different type of color
- Good durability
- Anti Slip properties .
- Non Stain and corroding Surface

METHODS OF APPLICATIONS:

SURFACE PREPARATION :

Before application of **Buildrock floor Hard -CTM** ensure that surface shall be clean and neat and free from oil or grease ,dust ,other latiences .concrete should have minimum flow 70-80 mm ,give best result .The slab must be of good quality concrete with a minimum water/cement ratio consistent with the production of a fully compacted slab.
Air entrained concrete substrate is not suitable for application of **Buildrock floor Hard -CTM** .

TECHNICAL SPECIFICATION :

• Water Absorption	5-7%
• Shelf life	6 Month
• Abrasion resistance (ASTM C-779)	0.25-0.3 mm
• Compressive Strength (IS 516-1959)	70-75 mpa
• Heavy Traffic use	6-10 kg/M Square
• Medium Traffic use	4-6 kg/M Square
• Consumption	5-6 kg /M Square
• Layer Thickness	2-2.5 mm coverage
• Substrate Temperature	5-40 C
• Air Humidity	30%-80%

PRODUCT INFORMATION :

Chemical base	A combination of Natural aggregate Mineral and Some additive and Dispersing agent
Physical appearance	Cementitious Gray color with no agglomerate and free from hydrated lumps
Density	1800-1900 kg/cm cube
Fresh Mortar Density	2100-2200 kg/cm cube

LAYER THICKNESS :

6 kg /m square gives 2-2.5mm thickness .

COVERAGE :

Buildrock floor Hard -CTM may be applied at rate 3 Kg/m² over concrete for normal traffic & 6-12 kg/m² for heavy traffic

HEALTH AND SAFETY :

Avoid Contact with Eyes Nose ,hand ,Mouth
During Application of this material wear Mask ,hand Gloves ,protective cloth . If contact with Skin wash immediately with plenty of water ,Don't use Solvent for skin cleaning . If Contact with Eyes immediately Splashes Eye with fresh water by the help of Eye Washer ,if symptoms persist contact with physician .

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