

Creative Floor Top

Quartz Aggregate based, Dry Shake, Concrete Surface Hardener

DESCRIPTION

Creative Floor Top is a pre-mixed, dry shake quartz aggregate (non-metallic) based floor hardener used to form monolithic, hardened concrete floors. It provides a hardened abrasion resistant surface and can also be used to inhibit dust formation.

SCOPE OF USE

Used to provide a heavy-duty concrete floor subject to heavy loads and traffic such as workshops, warehouses, car parks, production areas, commercial floors, loading bays, industrial complexes, etc.



TYPICAL PROPERTIES AT 25°C

PROPERTY	TEST METHOD	VALUE
Component		Single
Form		Powder
Colour		Grey and selected Colours
Hardness (Aggregate)		7 (Mohs scale of hardness)
Abrasion Resistance	BS-6431:Part20	at least 200% improvement over plain concrete
Adhesion to Concrete		Monolithic Bond
Indentation Resistance	BS 8204	< 2 mm
Specific Gravity		3.2g/cm ³
Flammability		Non-Flammable



KEY ADVANTAGES

- Economic & easy to use
- Forms a monolithic bond with concrete
- High resistance to abrasion
- Improved resistance to impact
- Increases the strength of concrete surface
- Non-slip characteristics
- Reduces surface dust
- Resist oil and grease penetration

APPLICATION

- After floor casting when the level and primary setting is started and the water evaporated from the green concrete, then apply **Creative Floor Top** in two steps. First, apply (sprinkle) two third of the required quantity in the first stage.
- Allow applied material to absorb the moisture or water from the concrete surface, then use wooden float to ensure so that the material becomes the integral part of the concrete Surface.
- In the second stage use rest one third **Creative Floor Top** and sprinkle onto the surface and use the same method by wooden float.
- when the surface is sufficiently firm enough (Hard), then use power trowel machine for finishing and smoothing. Extra care should be Taken while applying the Floor hardener at the bay edges and joints.

CURING

Creative Floor Top treated concrete must be protected to prevent premature moisture loss and crazing immediately after final finishing. Water cure by mist spray or by spreading wet burlap/hessian over the surface Or can use curing compound.

COVERAGE

PRIME QUALITY	GENERAL QUALITY
2-3 kg/m ² for Light traffic	3-4 kg/m ² for Light traffic
3-4 kg/m ² for Medium traffic	4-5 kg/m ² for Medium traffic
4-5 kg/m ² for Heavy traffic	5-7 kg/m ² for Heavy traffic

GENERAL INFORMATION

Shelf Life	12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.
Cleaning	Clean all equipment and tools with water immediately after use.

PACK SIZE

25 KG bag

HEALTH AND SAFETY

PPE's	Gloves, goggles and suitable mask must be worn.
Precautions	Contact with skin, eyes etc. must be avoided. If swallowed seek medical attention immediately.
Hazard	Regarded as non-hazardous for transportation.
Disposal	Do not reuse containers. To be disposed off as per local rules and regulations.
Additional Information	Refer MSDS. (Available on request)

TECHNICAL SERVICE

Creative Chemical Company technical services are available on request for onsite support to assist in the correct use of its products.



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Creative Chemical products are produced with ISO 9001:2015 standard terms and conditions. So it's customer responsibility to maintain and follow up the TDS and weather forecast carefully. We can not guarantee the application and end use as it depends on various conditions and weather.