

Concrete Admixtures, Adhesives & Aids

EDECON METALTOP

DESCRIPTION

Edecon MetalTop is a dry shake surface hardener to be used on fresh concrete to provide substantially greater wear resistance on the surface of industrial grade floor slabs. It is applied to the surface of fresh concrete during the normal finishing operations on the floor with standard finishing equipment. **Edecon MetalTop** provides a dark grey floor color when used as a natural colored, unpigmented system. It is also available in standard colors including light reflective, French grey, battleship gray, black, brown, tile red, terra cotta and green.

Specification: ASTM C-779

USES

Edecon MetalTop can be used for all types of warehouses, manufacturing plants, terminals, processing plants, metal shops, steel mills, automotive plants and print shops.

ADVANTAGES

- Provides a high strength floor surface for superior wear resistance.
- Formulated with graded metallic aggregate, which gives up to eight (8) times the wear resistance of plain concrete.
- Works into the surface of fresh concrete easily for complete, monolithic integration.
- Zero absorption aggregate densifies the floor surface for better resistance to water, fluid and oils spills.
- Hard, non-dusting surface makes floor cleaning and maintenance easier and faster.
- Outwears conventional natural aggregate dry shake floor hardeners by up to 400%.

TECHNICAL INFORMATION

PHYSICAL CHARACTERISTICS

pH	
Specific Gravity	
Weight per Gallon	
Weight per Liter	
Appearance	
H ₂ O Solubility	
Odor	

APPLICATION

Edecon Hardtop has a normal usage rate of 0.75 to 2 psf (3.7 to 9.8 kg per m²). The following table may be used for coverage:

Application Rate	Coverage Per Bag
0.75 psf (3.7 kg per m ²)	67 ft ² (6.2 m ²)
1.00 psf (4.9 kg per m ²)	50 ft ² (4.6 m ²)
1.25 psf (6.1 kg per m ²)	40 ft ² (3.7 m ²)
1.50 psf (7.3 kg per m ²)	33 ft ² (3.1 m ²)
2.00 psf (9.8 kg per m ²)	25 ft ² (2.3 m ²)

Shake Application: Ideal shake application should take place after the initial floating of the base concrete using a power trowel with float shoes. However, other site conditions such as no roof, wind, low relative humidity and/or low concrete water content may dictate earlier application. Apply Waterhold to help prevent rapid moisture loss. Each bay of the placement should have the proper number of bags pre-placed along the slab for accurate coverage. Remove any significant freestanding bleed water with a dragged rubber hose prior to shake application.

Apply 2/3 of the total shake evenly and uniformly over the slab surface. Mechanical spreader applications preferred, but hand or shovel methods can also be effective. Float the shake into the slab surface after it has wetted out. Follow immediately with the remaining 1/3 of the shake and repeat.

Finishing: Once the shake is applied and integrated, normal floating and troweling operations can proceed as the slab sets. The best floor surface is achieved with a burnish trowel. Colored shake floors should be finished just short of a burnish trowel to prevent discoloration from blade friction.

Curing: Curing and sealing are important to assure proper hydration and surface strength as well as adequate protection from the environment. Apply **Edecon ActiSeal** at 400 ft² per gallon (9.8 m² per liter) using a power sprayer or roller.

DOSAGE

PACKAGING

Edecon MegaMix-P is packaged in powder form in 50 Lbs. (22.7 kg) bags.

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