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## ENTOP HARD

### Cement Based Concrete Surface Floor Hardener



#### Product

Kentop hard is a pre-blended compound having selected cements, hard wearing graded aggregates modified with special polymers. It is sprinkled as a dry shake over tamped floated concrete and then trowelled to the surface using wooden (not steel) float to form an integral part of the concrete slab, then power floated to achieve the required smoothness

#### Areas of application

1. For concrete floor surfaces which requires improved resistance to abrasion and impact, like factories and garages.
2. Where durable and non-slip floor is required to withstand medium and heavy traffic.
3. Food processing areas, pharmaceutical floors and Industrial floors.
4. Car park and floors with forklift traffics
5. Storage warehouses, where non-dusting environment is required.
6. Areas receiving epoxy as a floor finish, so as to reduce epoxy thickness.
7. Areas where Acid and other materials shall be exposed to the floor, a subsequent cover is necessary to protect this floor from such chemical abrasions/erosions.

#### Advantages

1. High abrasion resistance.
2. Provides safe environment for people and forklift in wet areas because the floor is non-slip.
3. Resistance to oil and grease penetration to the floor because the surface is very dense.
4. Recommended for wet environment to prevent concrete erosion.
5. Can also be applied in high ambient temperatures.
6. Easy application
7. Impact resistance for long period of time

#### Packaging

Available in 25kgs Bags.

#### Application:

Applied as dry shake on freshly laid concrete then trowelled to the surface to form an integral part of the concrete slab.

### Surface Preparation:

- When concrete floor has just been laid and is fresh, at least class 20 – 25 concrete.
- Level the surface with wooden float to open the concrete surface
- While on raised platform sprinkle Kentop hard to the surface of the concrete.
- Extra water addition will cause failure of the floor.
- Using wood float spread it evenly on the surface.

### Mixing:

Ready powder No mixing is required as this is applied as dry shake.

### Coverage:

Approximately 5 kg/m<sup>2</sup> for medium hardness and 8 kg/m<sup>2</sup> for heavy duty depending on final floor usage.

### Tools Required:

Gloves, goggles and protective clothing, wooden float, preferably Power trowel.

### Curing:

Like normal concrete this should take about 14days to cure fully. The floor can be used after 28days when the concrete has achieved full strength. Polythene covering or other covering material should be avoided during this period.

### Health and safety:

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin, foodstuffs etc. All protective precautions must be taken to avoid all of the above. In case of contact with eyes flush immediately with a lot of water. If accidentally ingested, seek immediate medical attention.

### **Manufactured by:**

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