



MAYOR HARDENER

NON METALLIC FLOOR HARDENER

DESCRIPTION **MAYOR HARDENER** is a ready-to-use mixture of cement, additives and hard aggregate of mineral origin. The component has been selected to reach to the ideal performance.

USES **MAYOR HARDENER** is added to slab surface to improve their resistance to abrasion and inhibit dust formation. Mayor Hardener is suitable for all floor exposed to severe mechanical wear for example:

- Warehouse
- Quays
- Traffic lanes
- Engineering workshop
- Car-parks
- Service stations
- Garage etc.

ADVANTAGES

- High resistance to abrasion
- Improves resistance to impact
- Easy application, Mayor Hardener is sprinkled onto the freshly placed concrete
- Smooth finish
- suitable to apply Epoxy system on the top of Mayor Hardener

PRODUCT DATA Form: Grey powder/different colors upon request
Backing: 25 kg bag
Storage Condition: Store in a dry area between +5°C and +30°C. Protect from direct sunlight.
shelf life 24 minute from production date if stored properly in their original unopened container

TECHNICAL DATA Density Approximately 1.4 kg/L
coverage : 3kg/m²
complies with ASTM C779

APPLICATION DETAILS Substrate preparation
The concrete slab should be at least 15 cm thick, the concrete should contain an adequate proportion of cement. As soon as the plasticity permits, smooth the concrete preferably by using a mechanical trowel.



Broadcasting of Mayor Hardener

The concrete slab is ready for the Mayor Hardener cement coating when a thumb pressed hard onto the surface only leaves a print of about 3-5 mm depth. Broadcast the mix evenly by hand or with suitable device.

Compaction

Wait until the Mayor Hardener has been evenly moistened by the water in the concrete, Use a mechanical trowel, held perfectly flat.

NOTES

If parts of the surface come loose or if the laitance rises, this means the concrete is still too fresh.

Smoothing

NOTES

As soon as the plasticity or initial set allows, perform preliminary smoothing with the same machine running at low speed but equipped with metal smoothing blades, set at minimum angle.

Any final smoothing required should be performed later with the machine running at high speed.

CURING

the Mayor Hardener surface must be protect to prevent early dry-out

CURING TIME

Foot traffic : 1 – 2 days

For light vehicle traffic : 7 – 10 days

Fully cured after : 28 days

SAFETY

This product contains cement and chemical additives that can irritate the skin when mixed with water, should not contact the skin or eyes and inhalation of the powder, and must provide adequate ventilation. Suitable protective clothing, gloves, goggles and mask are recommended during application. If exposed to the product should be washed eyes and skin with the appropriate amount of water and see a doctor if necessary.

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