



PolyFloor NOM

Non Oxidizing, Heavy Duty Metallic Floor Hardener

DESCRIPTION

PolyFloor NOM is a dry shake, metallic floor hardener with cleaned and graded, non oxidizing metallic aggregate in a high strength cementitious binder. Designed to be incorporated into fresh concrete slabs. PolyFloor NOM provides a dense, tough surface capable of withstanding the abrasion and impact loading seen by floors slabs of numerous industrial and manufacturing facilities.

PolyFloor NOM has been specially formulated with a non rusting aggregate for increased abrasion resistance in areas subject to frequent moisture or water exposure. PolyFloor NOM can also be mixed in a mortar consistency and placed along joints to provide shoulder reinforcement.

TECHNICAL DATA

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|---------------------|---|--|-----------------|
| Physical Appearance | Grey Powder | Compressive Strength, 28 day | 69 Mpa |
| Abrasion Resistance | Treated concrete will give 400 – 500 % better than control concrete | Coverage, kg/m ² Normal Traffic Heavy Traffic | 3 - 5 6 - 12 |

APPLICATIONS

- Industrial Floors
- Warehouses
- Processing plants like fertilizer/petrochemical units
- Vehicle maintenance shops
- Loading docks
- Main, high traffic aisle ways/gangways
- Machine shops
- Breweries and bolting plants
- Joint shoulders reinforcement



ADVANTAGES

- Provides a high strength wearing surface in area subjected to constant or frequently wet conditions without oxidizing. Gives up to 6 times the abrasion resistance of plain, cured concrete. Metallic aggregate is free of rust, oil or other contaminants
- Dense surface resists penetration of oil, grease and many other liquids
- Virtually non dusting in service, easy to clean and maintain
- Economical to own over the life of the floor
- Can be applied at coverage rates up to 14.6 kg/m²

APPLICATION METHODOLOGY

- For the standard application techniques of a dry shake floor hardener, a pre job meeting is suggested to review the project concrete mix design as well as placement and curing details unique to the particular job. Base concrete should have minimum cement level or 300 kg/m³ and slump at 50 to 70 mm. It should be minimum 50 mm thick in case of manual finish and 100 mm thick in case of power trowel finish
- PolyFloor M HD may also be used as a mortar in constructing armored floor joints. These joints provide added wear resistance at joint edges increasing the serviceable life of the floor. PolyFloor M HD may be applied at rates from 4.9 – 12.2 kg/m². Higher application rates yield better abrasion resistance. Greater application rates may be used with special considerations.

HEALTH AND SAFETY

- Use mask, nose cover and hand gloves during application and clean hands with soap water after application. Ensure adequate ventilation and avoid inhalation of dust

PACKAGING

Available in 50 kg bag.

STORAGE

Must be stored in original packing at ambient temperature, dry place under shed away from heat.

SHELF LIFE

If stored in original unopened sealed under the above conditions, it has a shelf life of 9 months.