

ALGI-HARDFLOOR NM

DRY SHAKE FLOOR HARDENER AND WATER PROOFER

DESCRIPTION

ALGI-HARDFLOOR NM is an ideal and economical non metallic non-oxidising floor hardener for Heavy and Light duty industrial floorings, workshops, platforms etc., wherein heavy movement of vehicles and goods take place.

SPECIAL PROPERTIES

- Very high and impact resistant surface.
- Easy and economical in application.
- Anti-slip floor surface.
- Hard wearing and dustproof floor.

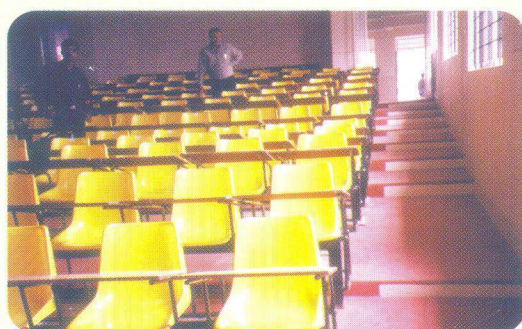
PRIMARY APPLICATION

- Industrial floors
- Main, high traffic aisleways
- Passenger and freight terminals
- Distribution centres
- Warehouses
- Loading docks
- Harbours
- Processing plants

METHOD OF APPLICATION OF ALGI-HARDFLOOR NM

ALGI-HARDFLOOR NM: A specially treated non oxidizing, non-metallic aggregate floor hardener. It provides a hard and high wear resistant flooring with abrasion resistance of 3.5 times that of normal concrete. And it doesn't rust even under constantly wet conditions.

BASE CONCRETE : The base concrete should have a minimum cement content of 350 kg per cubic meter and placed in accordance with good concrete practices. The base concrete should be made with ALGISUPER-PLAST N at the rate of 300 ml/50Kg cement or ALGI-PLAST 210N at 140 ml. / bag to achieve high strength.



The ALGI-HARDFLOOR NM should be broadcast (sprinkled) on wet concrete at the right time i. e., Immediately after initial set. If applied early, the cement will get washed out and it will be ineffective and if late the water content will be low, hence the hydration will be improper and the flooring will not attain sufficient strength.

APPLICATIONS

2/3rd of ALGI-HARDFLOOR NM should be applied immediately after initial set and spread evenly with wooden float and the remaining 1/3rd is then broadcast and trowelled to give desired finish with power trowel of weight not less than 60 kg. Particular attention should be paid to bay edges and corners to ensure full compaction.

RECOMMENDATIONS

Isolation joints around the columns should be circular or diamond shaped and thick enough to permit differential movement. Joints should be cut 5 mm wide and 40 mm deep, cleaned and left open for 28 days before sealing.

CURING

Normal curing procedure should be followed.

Email: contact@algitechchemicals.net

www.algitechchemicals.in

ALGI-HARDFLOOR NM

COVERAGE

Normal curing procedure should be followed.

| | |
|---------------------|------------------------|
| Light Traffic | : 3.0 kg per sq. metre |
| Medium Traffic | : 4.5 kg per sq. metre |
| Heavy Traffic | : 5.0 kg per sq. metre |
| Extra Heavy Traffic | : 5.0 kg per sq. metre |

PROPERTIES

Abrasion Resistance (IS 1237 - 1980): ALGI - HARDFLOOR NM improves the abrasion resistance of concrete by 250%
Compressive Strength (BS 1881 pt4 1970 clause 2) : A water content equivalent to those contained in practical applications. The typical 28 days compressive strength of ALGI HARDFLOOR NM cube is 650 kg per square centimetre.

STORAGE

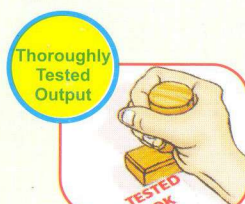
Store in cool and dry place.

PACKING

ALGI - HARDFLOOR NM is available in 50 kg packing.

TYPICAL PROPERTIES

| | |
|---------------|--|
| Colour | : Dark Grey, Green, Red and Terracotta |
| Hardness | : Minimum of 7 on MOH scale |
| Shelf Life | : 12 months when stored in the sealed container and in cool and dry place. |
| PH | : Alkaline |
| Form | : Powder |
| Bulk Density: | 1.85 |



An ISO 9001-2000 Company
ALGI V TECH
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NOTE: The Product should be used in accordance with the manufacturer's instructions. The manufacturer will not be held liable for the performance of the product if the same is not used as per the regulations and limitations specified by the manufacturer and also in conditions where the conditions of use are beyond the control of the manufacturer.