



ALLIED

NON-METALLIC FLOOR HARDENER

DESCRIPTION

Allied Non-Metallic Floor Hardener is a blend of non-ferrous aggregates, Portland cement, powdered plasticizers, and dispersants. It is shake-applied and troweled into the surface of freshly place concrete to provide a hard, durable floor surface for commercial and industrial applications. It is available in plain and natural colors.

USES

Allied Non-Metallic Floor Hardener is designed for floors, subjected to medium or heavy abrasive traffic. Typical applications include factory floors, manufacturing, loading docks and skating rinks. It may be used to create colored concrete floors with lasting durability.

PHYSICAL PROPERTIES

Hardness	6.5 (Mohs scale)
Particle Shape	Rough, Angular

COVERAGE

Standard Traffic	50 – 75 lbs/100 sqft (23 – 25 kg/10m ²)
Heavy Traffic	75 – 100 lbs/100 sqft (35 – 45 kg/10m ²)

APPLICATIONS

Allied Non-Metallic Floor Hardener is premixed with Portland cement and therefor requires no further field blending. Concrete should be free of bleeding water and sufficiently set to preform float operations. Always apply the powder in two shakes. The first shake should be two thirds of the total application and should be floated immediately into the concrete surface. The second shake is then applied at right angles to the direct of the first shake to insure uniform distribution. When the concrete is sufficiently set, steel trowel to desired finish using good concrete finishing particles. After final finishing operation, apply curing and sealing compound. If colored hardener is used, apply a matching sealer.

NOTE

1. Concrete containing shale aggregates may be subjected to an increase in shale-popping due to a denser finished surface created by the application of any hardener.
2. Concrete with high fly ash content or with more than 3% air entrainment may cause difficulty in any hardener application.

STANDARD COLORS

Plain, French Grey, Light Grey, Tile Red, and Green.

NOTE: Seller's and manufacturer's only obligation shall be to replay such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damaged, direct or consequential, arising out of the use or the inability to use the product. Before using, the user shall determine the suitability of the product for his/her intended use, and user assumes all risk and liability whatsoever in connection therewith.