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CHARACTERISTICS

Epoxy water soluble heavy duty water tolerant floor coatings which provide outstanding abrasion and chemical resistance coupled with remarkable mechanical properties and excellent adhesion to dry or damp concrete, masonry, mosaic blocks and steel substrates.

NOULA EPOXY render a self-leveling seamless floor covering and shield the floor against crushing to fine dust or sizable holes under the effect of heavy service loads, and protect the surface against deteriorating effects of aqueous chemicals.

RECOMMENDED USES

Floor covering on, concrete, masonry, cement floor toppings, mosaic blocks, steel surfaces, etc. In industrial and chemical plants, workshops, food and beverage processing factories, ship decks, hospitals, and places subjected to wear and/ or chemicals attack.

SURFACE PREPARATION

Surfaces must be solid, clean and dry free from oils, greases, salt, dirt and their contaminants.

Mechanical roughening of the concrete surface is preferable to chemical treatment.

Alkaline and acid surfaces should be cleaned and neutralized.

Newly laid concrete requires pretreatment with a 5% solution of sulfuric acid in water for about 15 minutes and thence (before drying) flushed properly with plenty of clean water.

Large crevasses, cracks or sizeable holes in the concrete floors should be thoroughly cleaned and primed before made good by filling them with mortar obtained by mixing NOULA EPOXY with suitable aggregates.

PRIMER

Concrete and masonry substrates need priming **NOULA EPOXY** extensively diluted with **clean and soft** water.

The primer should be through dry to avoid solvent retention in the substrate.

Metal substrates should be primed with metal primer **NOULA EPOXY**.

MIXING AND APPLICATION

Mix base component with **HARDNER** until the mix is completely homogeneous (preferably with a **low speed** drill mixer) and apply immediately. Mixture remains useable within 150 minutes of mixing at 22°C and 70%r.h.

Top coating the primer and/ or application of second coat should be carried out within 6-8 hours.

FOR BETTER RESULTS

Room and substrate temperature must be more than 8 oC.

Relative humidity must be below 80%.

Good air circulation is necessary.

DRYING AND CURING TIME

The reacting and curing start from the moment the 2 components are mixed.

At room temperature they:

Dry to touch : about 30min

Dry to handle(recoverable) : 6-8 hours

Complete curing : 7 days

COVERAGE

Contents of 1 U.S. gallon of mix cover 20sqm. At 200micro wet film thickness.

Each container is supplied with the required pack of Hardener.