

## MANUFACTURER

GRANTMAN INDUSTRIAL CORPORATION  
 Address : 4935 Emilio Aguinaldo Highway, Talaba IV,  
 Bacoor Cavite 4102  
 Contact no.: (046) 929 3116 / 927 3086 / 621 9075

## PRODUCT NAME

FORTRESS<sup>®</sup> DURA FLOOR

## PRODUCT DESCRIPTION

FORTRESS<sup>®</sup> is a VOC-free, environmentally friendly lithium silicate concrete floor densifier and hardener. This product penetrates bare concrete surfaces and transforms them into a permanently dust free floor with a pridelful gloss that gets better with age.

## ADVANTAGES / CUSTOMER BENEFITS

- Densifies and hardens concrete floors
- Dustproofs surface to easy cleaning
- High gloss surface which improves when polished
- Easy application for indoor and outdoor use
- High solid content for faster reaction time
- Good penetration
- Improves abrasion and wear resistance of concrete surfaces

## USES

It is recommended for dust proofing warehouses, car parks, garages, industrial plants and shopping malls. It strengthens, harden, and density new or existing concrete and masonry floors. It penetrates into the concrete, sealing the pores and capillaries and creating a chemical reaction within the concrete to produce a hard mineral film that is resistant to water, chemicals and abrasion.

## AREAS OF APPLICATION

- Interior and exterior concrete floors
- Polished concrete floors
- Warehouse floors
- Commercial floors
- Manufacturing plants
- Distribution centres/warehouses
- Workshops and car parks
- New concrete

## TECHNICAL DATA

Colour	colorless
Form	Liquid
Specific Gravity	1.20 ± 3
Drying Time	30– 60 minutes under average conditions (depending on substrate and temperature).

## INSTRUCTIONS FOR USE

### SURFACE PREPARATION

The concrete surface must be structurally sound, clean and free from loose concrete, dirt, form oils and other chemical contaminants.

## IMPORTANT REMINDER:

**FORTRESS DURA FLOOR<sup>®</sup> is not a curing compound. Use on concrete that is less than 3 days will reduce its long term effectiveness.**

## APPLICATION

Apply one, saturating coat of FORTRESS DURA FLOOR<sup>®</sup> in a uniform manner, Install with a low pressure sprayer or other device, maintaining a wet surface sheen for 15 to 20 minutes. Apply more FORTRESS DURA FLOOR<sup>®</sup> to areas that are more porous and appear to readily absorb the material. Redistribute any excess FORTRESS DURA FLOOR<sup>®</sup> with soft broom or microfiber pad, allowing material to dry uniformly. Avoid brooming once drying begins. After drying remove any excess, powder-like residue with a stiff broom or dry buffer.

### New Concrete:

For best results, moist cure fresh concrete or apply clear, non-residual Cure. Allow new concrete to cure for a minimum of 72 hours; seven days are recommended for best results. After the curing period has elapsed, treat new concrete surfaces as described above in application.

## CAUTION

Use gloves and eye protection. Avoid contact with eyes and prolonged skin contact. If eye contact occurs, wash with clean water and consult a doctor immediately. Mock-ups and field test areas are required in order to validate performance and appearance related characteristics to ensure system performance as specified for the intended use, and to determine approval of the decorative flooring system.

## COVERAGE

Coverage dependent upon surface texture and porosity, Up to 15 - 20 square meters per liter.

## SHELF LIFE / STORAGE

Store in a cool dry place. Shelf life is two years in unopened containers when properly stored. Do not allow to freeze.

## LIMITED WARRANTY

FORTRESS DURA FLOOR<sup>®</sup> is covered from the date of purchase when used on substrate which conforms to local building codes and when installed, in accordance with the manufacturer's instruction. FORTRESS DURA FLOOR<sup>®</sup> will replace those which are determined to be defective. This warranty is limited to the original purchaser and may not be transferred to any subsequent owner. This warranty does not cover damage resulting from : settlement of the building or other wall movement, mixing with other chemicals or additives and prolonged exposure to heat and other irregular temperature. This warranty covers only manufacturing defects in FORTRESS DURA FLOOR<sup>®</sup>. It will not cover labor costs or damages obtained from removal and replacement of defective products.

## PACKAGING

