

Chemical Resistant Anti-Corrosion Floor (Armour 2K)

(ARMOUR-2K FLOOR)

"For Horizontal Surfaces Only – Not for Vertical Use"



DESCRIPTION: ARMOUR 2K Flooring System is a high-performance, two-component nano-particle based coating designed for industrial floor protection. Applied by roller, brush, or trowel, it forms a seamless, breathable, chemical-resistant surface on concrete and IPS floors. It protects against acids, alkalis, and industrial chemicals, making it ideal for pharma, food processing, chemical, and steel plant environments.

DIRECTIONS FOR USE: 1. SURFACE PREPARATION:

Grind or shot-blast the floor surface. Remove all dust, oil, grease, laitance, and loose particles using a dust-free grinder and vacuum system. Repair cracks and honeycombing prior to application. Ensure surface is dry and even.

2. MIXING :

- Mix Component A (1kg) and Component B (200 gm) in the specified ratio from ZGSPL datasheet. {Ratio 5:1}
- Stir mechanically for 30 to 45 sec until fully uniform (no streaks).
- Pot life: 40 minutes — discard unused mix after this time.
- Do not dilute the system.

3. PROCEDURE FOR APPLICATION:

Apply mixed 2K using a roller or brush evenly on the prepared floor surface. Apply in 2 coats for optimum protection. Ensure uniform spread and avoid puddles at edges.

SALIENT
FEATURES :

- 1. Self-priming -no separate primer required.
- 2. Excellent chemical resistant to Acid and Alkalis.
- 3. Adhesion with concrete and metals.
- 4. Cost effective system ,Can be used for interiors or exteriors.
- 5. Non-toxic, user friendly.
- 6. Solvent Free System

APPLICATIONS : Designed for industrial floor protection on concrete, IPS, flat or sloping surfaces:

- Chemical plants & fertilizer industries
- Pharma & food processing units
- Steel & galvanizing plants
- Warehouses & shop floors

COVERAGE : Depends on surface condition and number of coats applied.

1 kg @ 200 microns = 50 sq.ft (on even prepared surface)

DENSITY: 1.11 gm/cm³

PACKAGING SIZE: 1 KG, 6 KG, 10 KG, 20 KG

MIXING RATIO : (1:5) 6 KG

STORAGE AND SHELF LIFE: 36 months when stored in a cool & dry place; Away from direct sunlight, in original sealed packing.

HAZARDS IDENTIFICATION: Health hazards: No particular hazard known. If the product spills on to the skin and dries up, some irritation may occur.

FIRST AID MEASURES:

Skin contact: Immediately wash thoroughly with soap and water.

Inhalation: Remove to open air. Seek medical attention.

Contact with eyes: Immediately wash under running water with eyelids open for at least 15 minutes. Seek medical attention.

Ingestion: Rinse mouth thoroughly and drink plenty of water. Seek medical attention.

ACCIDENTAL
RELEASE
MEASURES

Environment Care: Clean small spillages immediately with water. Contain large spillages with suitable absorbent materials. Dispose the waste water/absorbent material in accordance with local regulations.

**QUALITY
ASSURANCE:**

All products are manufactured under a Quality Management System for Design, Manufacturing and Selling of Construction Chemicals as per the standards of ISO 9001: 2015.

DISCLAIMER :

This information is accurate and reliable to the best of the knowledge. It is meant as a guideline only Zara Globe Solutions Pvt. Ltd cannot give any guarantees under any circumstances for the results, or assume any obligation or liability in connection with the use of this information. It is recommended that the product be tested to determine its suitability for specific applications. Since, Zara Globe Solutions Pvt. Ltd has no control over how others may use its products; it is recommended that the Specifier, Architect, Engineer, Contractor and Owner assume all the responsibilities in connection therewith.

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