

(ARMOUR-2K STRUCTURE)



DESCRIPTION:

ARMOUR-2K is a prepackaged nano particle, brush, roller or trowel applied surfacing material. Modified with high solid special particle, this material exhibits excellent bond strength, high water resistance and chemical resistance with reduce permeability. ARMOUR-2K forms breathable protective coating. It protects Direct expose surface of Metal & Non Metal Structure from Acid & other Chemicals. ARMOUR-2K is ideal for use in ARP, Pickling Line, Chemical & Fertilizer plants marine environments. It can be used for existing and new substrate like Metal & Non Metal

DIRECTIONS FOR USE:

1. DUST FREE SURFACE PREPARATION :

Free the surface to be coated of all foreign matter, dirt, dust, paint, oil, grease etc., using a dust free grinder and vacuum system which cleans prior coatings and compounds from substrate. Remove loos particles repair and make good any faulty concrete in the form of cracks and honey combing.

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 USAGE :
Apply mixed ARMOUR-2K using a roller, trowel, or specialised spray equipment. Evenly spread, by brush, any liquid that may collect on the edges. Curing time for coating is 4 hrs.

- SALIENT FEATURES :**
- 1. Prepacked system that can be easily mixed at site.
 - 2. Excellent resistant to Acid and Alkalis.
 - 3. Adhesion with metal and non metal.
 - 4. Can be used for interiors or exteriors.
 - 5. Non-toxic, user friendly.
 - 6. Solvent Free System

APPLICATIONS : Designed for all type of structures.
For example: Metal : GI/MS/SS to protect direct exposure from Acid like
HCl, HNO₃, H₂SO₄, HF etc.
Concrete , IPS, Flat or Sloping, Vertical Walls.

COVERAGE : Depends on nature of the surface and number of coats.
Average 4.5 to 5 M²- per kg at 150- 200 micron thickness for 2 coat on a smooth surface for each unit.

DENSITY: 1.11 gm/cm3 **Viscosity:** 80-90 sec.

PACKAGING SIZE: 1 KG, 6 KG, 10 KG, 20 KG , 200 KG

MIXING RATIO: (5:1) 6 KG

STORAGE AND SHELF LIFE: 36months 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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