

WALL GUARD

UV Resistant Elastomeric Anti-Carbonation Exterior Acrylic WP Coating



PRODUCT DESCRIPTION

Wall Guard is a Water Based Coating high build elastomeric, micro porous, Anti-Carbonation coating, which facilitates long term protection and decoration of concrete and masonry surfaces. it possesses durable, Flexible, water-resistant and water-repellant properties.

ADVANTAGES

- Green Product, User friendly, Easy to apply.
- Water based, non-toxic, environment friendly green product.
- Excellent crack bridging properties and weathering resistance.
- High build elastomeric, micro porous coating.
- Excellent resistance to carbon dioxide, Air-borne and Water-borne chloride.
- Protective and decorative coating, which allows structure to breathe.

APPLICATION

Exterior waterproofing UV resistant elastomeric coating For UV protection layer over Liquid Membrane, Wall Guard is recommended.

- Bridge Abutments/Subways.
- External concrete surface of storage tank and masonry surface.
- Multi storied building and villas.

PRODUCT SPECIFICATION

PROPERTIES	RESULTS
Color	Viscous liquid, any Color Shade
Solid	70 ± 5% by weight
Specific Gravity	1.40 ± 0.06 gm/cc
Service Temperature	5°C - 40°C
Recommended DFT	200 – 225 microns (2 coats)
Tensile strength	1.8 ± 0.3 N / mm ²
Elongation	250 ± 20 %
Crack Bridging Ability	2 mm
Thinning Agent	Water
Water permeability of coating	< 0.1 kg / m ²

UV Resistance	Excellent Resistance
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APPLICATION METHOD

SURFACE PREPARATION

- Remove all loose and foreign materials, if any, by a wash with a jet of air/water and by grinding to make it smooth before application.
- Repair all cracks by cutting "V" groove and Fill voids and undulation area with Polymer Mortar made out of Bond SBR Latex -44, Water, Cement and Sand in the Ratio of 1:1:5:12.5.
- Ensure gradient of 1:100 towards drain by laying PCC admixed with integral waterproofing compound, BOND IWC 200 ml/bag of cement preferably with galvanized chicken wire mesh.
- Ensure that there is no standing water on the applicable surface.

MATERIAL PREPARATION

Stir Wall Guard by a slow speed mixture fitted with a suitable mixing paddle. Add stainer slowly to get the desired shade.

APPLICATION OF MATERIAL

Apply first coat of Wall Guard over the prepared/Primed surface at 100 gm/m². Apply second coat of Wall Guard evenly at temperatures between 3°C and 30°C with roller, brush or airless spray. and allow it to dry. Use two coat systems on dark, absorbent and heavily textured surfaces and when full carbonation protection is required.

COVERAGE

Cover 400 - 450 gm/m² (2 coats).

PACKING

Wall Guard Available in 20 LTR Bucket Packing.

STORAGE & SHELF LIFE

Store in a cool dry place at temperatures between 5°C and 30°C, under shade, away from heat. Shelf Life is 12 months in original unopened sealed condition.

HEALTH & PRECAUTIONS

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet.

Avoid contact with skin/eyes and avoid swallowing. Ensure adequate ventilation and avoid inhalation of vapor. Wear suitable protective clothing, gloves and eye protection. In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area. In case of eye contact, wash with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately. Do not induce vomiting.

Highbond Coatings Pvt Ltd
Sr. No. 70/2B/1, Flat No 101 & 102,
Purushottam Villa, Vadgaon Bk,
Pune - 411041
Tel: +91 9370953995
Mail: info@highbondcoatings.com