



ELASTOGUARD ECO

DIRECTION FOR USE

SURFACE PREPARATION

- Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles. In existing old terraces with brickbat coba or screeds, The substrate must be checked for its soundness. Damaged or hollow portions, sharp edges, etc. Must be cut and removed till the mother slab. All surface cracks up to 5 mm width should be filled up using proper crack filling material like PU crack sealant or acrylic sealant. Any areas which need to be repaired should be treated by proper repair and patchwork work system by using GLOBCON ULTRA SBR and SBR 500 for proper bonding.
- Ensure that the roof slope of a minimum of 1 in 100, is already provided.
- Bitumen based waterproofing treatments, if existing, must be removed entirely by mechanical scarification or by any other effective mechanical means.

ELASTOGUARD ECO is a single component water-based acrylic waterproof coating with high thermal reflectance and emittance properties. The coating is UV stable and highly reflective with high flexibility. It is formulated with selected elastomeric resilient acrylic polymers and reinforcing polyester fibres. Upon curing, It forms a thick, seamless, durable membrane, thus offering ultimate waterproofing. This is ready to use product providing ease of application.

RECOMMENDED APPLICATION

- Concrete
- Plasters
- PCC
- Block Surface
- Sunshades IPS
- Renders
- Parapets
- Brick surface
- Cement Boards
- Terraces
- RCC Wall
- Plastered Walls
- Painted Walls
- Textured Walls
- Water Tanks
- Cement Roofs
- Precast Surfaces

BENEFITS & KEY FEATURES

- ANTI CARBONATION
- MECHANICAL STRENGTH
- HIGH CRACK BRIDGING
- BREATHABLE
- EASY USE
- ABRASION RESISTANT
- UV RESISTANT
- SELF PRIMING

SELF PRIMING

Dilute 2 parts of GLOBCON ELASTOGUARD ECO with 1 one part of water. This dilution will cover 8 to 10 sq. mt. Allow it to dry for 6 to 8 hrs.

TECHNICAL SPECIFICATION

Appearance & Form	Emulsion base (white)
Total Solids %	65 ± 5
Elongation (ASTM D 412)	>300 %
Tensile Strength (ASTM D 412)	>1N/mm ²
Crack Bridging	Up To 2 mm
Thickness	1-1.5 mm
Hardness Shore A (ASTM D 2240:2002)	>40
Algal And Fungal	No Growth
Coating Thickness@ 2 Coat DFT)	Approx. 700-800 Microns
Chloride Penetration	Low

PACKAGING	COVERAGE	SHELF LIFE
4 Ltr, 10 Ltr & 20 Ltr Pail	40-50 Sq. ft / ltr / per coat	24 months from date of packing. It must be seal pack & stored under proper condition. Store in a cool & dry place, keep away from direct sunlight.

PRECAUTIONS & LIMITATION

- Do not apply during rains; substrate must be in SSD condition to apply primer and coating.
- Movement of machinery or sharp objects are strictly prohibited.
- Do not apply ELASTOGUARD ECO over expansion joints.
- The parapet walls should be covered with ELASTOGUARD ECO for full proof waterproofing of terraces and roofs.
- Do not dilute ELASTOGUARD ECO for ease of application
- Do not try to cover a larger area during application for extra coverage.
- Do not apply when the ambient temperature is below 10°C or above 35°C.

PRIMING

Dilute 2 parts of GLOBCON PRIMER PLUS / ELASTOGUARD ECO with 1 one part of water. This dilution will cover 8 to 10 sq. mt. Allow it to dry for 6 to 8 hrs.

APPLICATION

- Apply 1st coat of ELASTOGUARD ECO using a roller or brush at the rate of 2 sq. mt. Per 0.5 litre. Use glass fibre mesh of 45 gsm of 2.5x2.5 mm as a sandwich layer between first and second coat. While the first coat is still wet, place the glass fibre mesh on it. Allow it dry for 6-8 hours.
- Apply the 2nd coat of the ELASTOGUARD ECO in the opposite direction to the first coat. Check to see no void surface is left uncoated with a second coat. Allow the second coat to dry for 6-8 hours.
- Apply the third coat of ELASTOGUARD ECO in the opposite direction to the second coat by maintaining the coverage rate. Check to see no void surface is left untreated/uncoated. All coats should be applied in a direction perpendicular to each other.
- Kindly do not try to cover more area for extra coverage. Maintain proper procedure for application. This would ensure the correct consumption of material that will deliver a total DFT of 1mm.
- Drying time between coats will be 6 to 8 hrs. Allow the system to air cure for 7 days minimum. A total thickness of 1 mm must be achieved when ELASTOGUARD ECO is dry.

TESTING OF COATING

7 days after application of ELASTOGUARD ECO should be checked for its dry film thickness after air curing. For this, mark a square of 5 cm x 5 cm for every 200 sq. ft of the area. Cut the square with a knife diagonally across the square. Rip the coating and check the coating's thickness with vernier callipers to see if the dry film has an average thickness of 1 mm. Once these tests are done, reapply the material over these portions in accordance with the regular procedure.

FUTURE MAINTENANCE

In the case of Deterioration of coating. It is easy to recoat the surface over the existing treatment. If cracks any, open the cracks using proper tools and fill it with PU crack sealant or Acrylic sealant. Apply one layer of Elastoguard over it and place a fibre mesh while it is still wet. After drying, apply a second coat for better strength.