



ELASTOGUARD WL

ELASTOGUARD WL is single component water based acrylic waterproof coating with high thermal reflectance and emittance coating. The coating is UV stable and highly reflective with high flexibility. It is formulated with selected elastomeric resilient acrylic polymers, weather durable pigments and additives. It is used as a waterproofing coating for external walls.

RECOMMENDED APPLICATION

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

BENEFITS & KEY FEATURES

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

SELF PRIMING

Dilute 2 parts of GLOBCON ELASTOGUARD WL with 1 one part of water. This dilution will cover 7 to 8 sq. mt. Allow it to dry for 2 to 3 hrs. Self Priming can also be done.

TECHNICAL SPECIFICATION

Appearance & Form	Emulsion base (white)
Total Solids %	60 ± 2
Elongation (ASTM D 412)	>200 %
Tensile Strength (ASTM D 412)	>1N/mm ²
Crack Bridging	Up To 2 mm
Hardness Shore A (ASTM D 2240:2002)	>30
Algal And Fungal	No Growth
Coating Thickness@ 2 Coat DFT)	Approx. 200-250 Microns
Chloride Penetration	Low

PACKAGING	COVERAGE	SHELF LIFE
4 Ltr, 10 Ltr & 20 Ltr Pail	50-75 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 for the application of primer and coating.
- Recommended to be primed with only GLOBCON PRIMER PLUS.
- Do not apply ELASTOGUARD WL over expansion joints.
- Do not dilute ELASTOGUARD WL.
- 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.
- Adhesion property may get affected by poor quality putty and very smooth surfaces.

DIRECTION FOR USE

SURFACE PREPARATION

- Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles. All new cement-sand renderings /concrete surfaces should be allowed to age 6 to 8 weeks before surface coating. All surface cracks up to 5 mm width should be filled up using proper crack filling material like crack filler or acrylic sealant. Any areas that need to be repaired should be treated by appropriate repair and patchwork work system using GLOBCON LEAKPROOF 360, or GLOBCON ULTRA SBR modified mortar for proper bonding.
- Bitumen based waterproofing treatments, if existing, must be removed entirely by mechanical scarification or by any other effective mechanical means.

PRIMING

Dilute 2 parts of GLOBCON PRIMER PLUS with 1 one part of water. This dilution will cover 7 to 8 sq. mt. Allow it to dry for 2 to 3 hrs.

APPLICATION

- Use ELASTOGUARD WL directly from the container. Stir contents well before use.
- Apply two neat coats of ELASTOGUARD WL without dilution by brush or roller at a time interval of 5-6 hours.
- For extra protection apply an additional coat on top of 2 coat on the surfaces which are subject to heavy rainfall, dampness and leakages like outer walls, chajjas and parapet walls
- 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 200-250 microns at 2 coats (approx.)
- Allow the system to air cure for 7 days minimum.

*Coverage may vary depending upon the texture and porosity of the surface.

TESTING OF COATING

7 days after application of ELASTOGUARD WL 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 200 microns. Once these tests are done, reapply the material over these portions following the regular procedure.

FUTURE MAINTENANCE

In the case of a deterioration of the coating. It is easy to recoat the surface over the existing treatment. If cracks any, open the cracks using proper tools and fill them with a crack filler or acrylic sealant. Apply one layer of ELASTOGUARD prime over it. After drying, apply a second coat for better strength.