

## TECHNICAL DATA SHEET

Triguard MM80 is a single component 100% Acrylic Copolymer admixture specially developed to improve the properties of cementitious compositions. Triguard MM80 when used in combination with standard quality of ordinary Portland cement, it enhances the mechanical properties such as bonding (adhesion) with various building materials, flexural, compression and impact strength. It improves the thin section fragility of cement when used as coating.

## FEARTURES AND ADVANTAGES

- Triguard MM 80 is easily mixed with cement, cures to a hard, tough, wear resistant surface & bonds (adheres) strongly to most of the building materials.
- Triguard MM 80 can be over coated by exterior emulsion coating or cement based paints. It can be applied to uniform thickness coating on horizontal and vertical surfaces.
- Triguard MM 80 allows trapped water vapour to escape and prevents blistering and adhesion failure.
- Makes cement mortar or coating compact thus preventing salt penetration into concrete.
- It is unaffected by UV light and prevents discoloration of concrete and corrosion in steel due to its alkali nature.  
Triguard MM80 is resistant to water, dilute acids & alkali solutions. Coating is highly durable even in continuous contact with water.
- It is non-flammable, non-hazardous. Non toxic to human being.
- Resistant to fungus and microorganism growth.

## IMPORTANT APPLICATION

- Repairing of concrete & masonry walls - internal, external and terrace roofs by cement mortars.
- Waterproofing of building terraces, toilet sunken portion basements, Waterproofing of water tanks & swimming pools. Bridge decks, traffic aprons, runway, parking garages industrial floors, factory floors, balconies, mechanical rooms, side wall etc.
- Pools & Foundation, Reservoirs, Channels dams, water towers, tunnels etc.Sewers, silos, foundation walls, swimming pools etc.
- Renovation & protection of concrete against corrosion and salt petre.
- As a bonding agent for old concrete to new concrete.

## SURFACE PREPARATION

Clean thee base thoroughly by wire brush and remove the loose material, dust, grease, oil or other foreign particles. Cracks must be opened by means of cutter/ manually. Clean the surface then by water to remove all dust and substrate the base by water and dampen the surface, remove the excess water.

## Technical Information

Appearance	Milky White Liquid
Base	100 % Acrylic copolymer
Ph	8 – 9
Specific Gravity	1.01 +/-0.02 %
Bonding on concrete	Excellent
Freeze Thaw Resistance	Excellent

## Recommended mixing ratios for various applications:

TYPE OF APPLICATION	MIXING RATIOS
Waterproof Coat	1 KG Triguard MM80 2 KG Cement
Bonding Coat	1 KG Triguard MM80 1 KG Cement
For Mortars of repair of RCC members	15 -20 % by weight on cement quantity
For flooring Screeds	18 -20 % by weight on cement quantity
Patching Mortar	18 -20 % by weight on cement quantity

## Packing

1 kg, 5 kg, 10 kg, 20 kg & 50 kg

## SHELF LIFE AND STORAGE

Shelf life is 12 months from the date of manufacturing. Store in a cool & dry place in unopened condition

(Prevent from direct sunlight).

## HEALTH AND SAFETY

Avoid prolonged contact with skin. If Triguard MM80 comes into contact with eyes, flush with copious volumes of cold water and obtain medical attention.

## DISCLAIMER

The Company's Products are sold subject to the Company's Standard Terms and Conditions of Sale. Products are warranted against defective materials and workmanship. The Company makes every effort to ensure that all the information, recommendations or the specifications provided by it are accurate and true. However as the Company has no control over the conditions of use; it cannot accept any liability, either directly or indirectly regarding the usage of its products.

Product specifications are subject to change without prior intimation to users as the products are being continuously upgraded.

## Mfg and Marketed by:-



**TRI POLARCON PVT. LTD.**

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