



Let's Build GREEN

AN ISO 9001:2015 CERTIFIED COMPANY

## MAP - WATERSTOP COOL COOL

Acrylic Waterproofing Coating Providing A Seamless Waterproof Barrier

### Description

MAP - WATER STOP COOL COOL is a heat reducing & "Energy Saving" acrylic waterproofing coating providing a seamless waterproof barrier that can withstand expansion and contraction movements due to heat build-up on the roof surface. It helps in reduction of energy usages by less heat transfer into buildings thus keeps the interiors cool. The coating serves the dual purpose of thermal reduce & with additional waterproofing protection.

MAP - WATER STOP COOL COOL has excellent crack bringing ability to prevent water leakage through the hairline cracks developed on the roof surface. It provides solution to building owners roof maintenance by extending the roof services, and improve the building's aesthetics.

### Area of Application

- Building Roofs/ Terraces- Flat & slope.
- Over existing cementitious waterproofing treatments like sound brick-bat coba, concrete screeds, acrylic coating, etc.

### Features

- Solar Reflectance - 106 (ASTM E 1980), re-radiated heat back to atmosphere UV and IR resistant – resistance to UV & IR emission, protect coating from damage and reduce heat conductivity.
- Water proofing – Excellent resistance to stagnant water (ponding) on flat roof/terraces due to continuous heavy rains (monsoon) for several days and months.
- Resilience & crack bringing From highly elastic, tough & resilient coating so as helps withstand the structure movement that can bridge crack up to 2 mm width.
- Abrasion resistant – Non-slip and suitable for light foot traffic.
- Long-term Durability – Excellent UV remove existing sound BB Coba and / or concrete surfaces
- Energy Saving – Low heat transfer into building hence reduction in electrical consumption.
- Non-Toxic water based system – eco friendly

### Method of Application

#### Surface Preparation

- Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and lode particles.
- Ensure that roof slope is a minimum of 1 in 100 to enable water run off.
- In existing old terraces such as brick-bat-coba or screed, the substrate must be checked for its soundness. Damaged or hollow portions, etc. must be cut repaired with a polymer-modified screed. Surface cracks must be filled with MAP - WATERSTOP COOL COOL or polymer-modified mortar in case of wider cracks.
- Bitumen based waterproofing treatment must be completely removed by mechanical scarification or by any other effective mechanical means.

Waterproofing & Admixture

### Typical Properties & Specifications:

Sr.No	PROPERTIES	SPECIFICATION	RESULT
1	Nature		Single component liquid
2	Solid Content		Min 35
3	Elongation, %	ASTM D 412	Min 100
4	Tensile Strength N/mm <sup>2</sup>	ASTM D 412	Min 1.00
5	Pull off Adhesion	ASTM D 4541	Min 100
6	Accelerated weathering (2000 hrs UV exposure)	ASTM D 4587	Passes
7	Algae & Fungal resistance		Excellent
8	Solar Reflectance Index	ASTM E 1980	106
9	Crack Bridging Index	ASNZ-4548	2 mm passes

### Application

- Apply one coat primeseal (diluted with water in the ratio 2:1) at the rate of 8-10 sq. m/ litter. Allow it to dry for 2-3 hours.
- Apply second coat of MAP - WATERPROOFING at the rate of 2 sq. m per litre and allow it to dry before taking up the second coat, Apply second coat of WATERSTOP COOL COOL perpendicular to 1st coat with same application rate.
- Minimum drying time between coats will be 4 to 6 hours.
- Use final coat of MAP - WATERSTOP COOL COOL as reflective coat with same application coverage.
- Allow the system to air cure for 7 days minimum.

### Precaution & Limitations

- All corners, gaps, joints, protrusions & outlets shall be coated with extra coat.
- Do not apply during rains; substrate MUST be in dry condition for application of primer.
- The product is designed only for light foot traffic and not vehicular movement of machinery or equipment.
- To achieve the full proof waterproofing, all parapet wall should be covered with WATERSTOP COOL COOL

### Coverage

6.5 sq. m per litre per coat





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#### Storage / Shelf Life

Shelf life is 24 months from the date of manufacturing in unopened condition. Store in a cool & dry place

#### Packaging

1 Kg & 5 Kg

#### Health & Safety

MAP - WATERSTOP COOL COOL does not contain any hazardous substances requiring labelling. It is safe for use with standard precautions followed in the construction industry, such as use of hand gloves, safety goggles, etc. For detailed Health, Safety and Environmental recommendations, please consult and follow all instructions on the product. Material Safety Data Sheet.

#### Quality Assurance

MAP PRODUCTS PVT. LTD. is a firm of Assesses Capability. The company conform to the standard quality system, environmental management and is an ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 Certified.

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#### Disclaimer

The information herein is based upon the best information available at the time of printing. Data provided is intended for those having skill and ability to use products recommended in a safe and responsible manner. LIABILITY is limited to the cost of material proven to be defective. There is no warranty expressed or implied as related to any issue which is deemed to be a direct result of improper acts of others or acts of GOD, constant submersion in harsh environments, workmanship or applicator, or any other cause and effect which is not related to defective material.

#### OUR RANGE OF PRODUCTS



CONCRETE ADMIXTURES



WATERPROOFING SYSTEMS



CONCRETE REPAIRS & STRENGTHENING



READYMIX PLASTER & PUTTY



ENGINEERING GROUTS & ANCHORS



FLOORING SYSTEMS



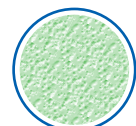
CURING COMPOUND & MOULD RELEASE AGENT



SEALANTS



PROTECTIVE & DECORATIVE COATING



ADHESIVE & BONDING AGENT

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