

# MAXSHIELD® WALLKOT

Acrylic Elastomeric Exterior Waterproofing System



MAXSHIELD® Wallkot is elastomeric exterior acrylic waterproofing coating for wall, based on high quality acrylic emulsion, functional filler, sunlight stable pigment and quality fungicides. It provides features like crack bridging ability, breathability, flexibility & exterior durability and resists micro-organism growth. MAXSHIELD® Wallkot is a two layer system making it a dependable water proofing system.

## Uses

- All types of exterior masonry surfaces, concrete, cement sand renderings, etc.
- Applicable on asbestos sheets.

## Benefits

- Excellent flexibility and it covers hairline cracks (up to 0.5 mm) effectively so that no ingress of water.
- Film Thickness– Thicker films provides resistance to the movements of structures, gives crack bridging ability & waterproofing properties.
- Provides tough films that can withstand wind driven rain.
- It is high elastic coating easily withstands stress caused by thermal expansion & contraction.
- Microbial Resistance– Resistance to fungus and algae hence maintains the aesthetic value.
- This coating provides excellent resistant to UV light & weather conditions hence coating has longer life.
- Very low dirt pick up & can be cleaned easily hence maintains the aesthetics.
- It provides breathable film/coating.
- Ready to Use– No dilution is required hence ensures desired film thickness built-up without affecting the performance.
- Ease of application, can be applied by brush & roller easily.

## Properties

<b>Elongation at Break (ASTM D412)</b>	220%
<b>Tensile Strength (ASTM D412)</b>	0.7 MPa
<b>Hardness Shore 'A' Scale (ASTM D 2240)</b>	80
<b>Adhesion Strength (ASTM D4541)</b>	3.4 MPa
<b>UV Resistant-Accelerated (ASTM D4587)</b>	No degradation, cracking or discolouration

<b>Algae &amp; Fungus Resistant</b>	No Growth
<b>Crack Bridging Ability (ASTM C836)</b>	1-2mm
<b>Water Permeability (ASTM E96)</b>	40 g/m <sup>2</sup> /day

## Instructions for Use

### Surface Preparation

Careful surface preparation is essential for optimum finish and durability. New concrete structures need to cure or age for at least 28 days. Old, loose coatings, dirt, fats, oils, organic substances and dust need to be removed by wire brush or hand tool. The surface needs to be clean, dry and sound, free from any contamination, which may harmfully affect the adhesion of the membrane.

### Priming

The concrete surfaces shall be primed using T-Guard WBP primer and allow it to dry for 2-4 hours. Coverage is approximately 8-10m<sup>2</sup>/ltr.

### Application

Stir MAXSHIELD® Wallkot well before using and do not dilute with water. Apply two coats of Wallkot by roller or brush application at the interval of 4-6 hours. Allow applied coating to dry or cure for 7 days. For demanding applications, apply a third coat of MAXSHIELD® Wallkot. Do not apply Wallkot when ambient temperature is below 5°C or above 45°C.

### Packing

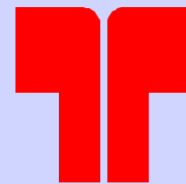
4 & 20 ltrs

### Coverage

6-7 m<sup>2</sup> per ltr. per coat  
Coverage may vary depending on porosity and roughness of surface.

### Shelf Life & Storage

MAXSHIELD® Wallkot has a shelf life of 12 months from the date of manufacturing in unopened condition. Store in a cool & dry place and keep away from direct sunlight and heat.



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## Other Segments:

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