

# MAX SHIELD

COMPLETE WATERPROOFING SYSTEM



## About

AMCOS MAX SHIELD is an elastomeric waterproofing system for roofs and terraces. It's modified acrylic blend system provides water proofing and the white reflective coating helps to reduce the room temperature effectively. AMCOS MAX SHIELD CERAMIC EMULSION in combination with MAX SHIELD REPELLER MAT would give better water proofing and reinforcing to the roof and the terrace.

## Amcos Max Shield Ceramic Emulsion

AMCOS MAX SHIELD CERAMIC EMULSION is an elastomeric water proofing emulsion having very good elasticity and it is designed with a photo initiator technology which cures the film on exposure to sunlight and form a highly durable coating. AMCOS MAX SHIELD CERAMIC EMULSION will prevent water leakages through cracks and other defects in the terrace. The white MAXSHIELD applied on terrace will reflect sunlight thus reduces the room temperature. It is designed to prevent the algal fungal growth thus remains white for long time.

## Repeller mat for waterproofing

AMCOS MAXSHIELD REPELLER MAT is a lightweight high strength material for waterproofing and reinforcing, when used in combination with AMCOS MAX SHIELD CERAMIC EMULSION. It maintains its physical properties when wet and is dimensionally stable during humidity changes. AMCOS MAX SHIELD REPELLER MAT has excellent chemical resistance. It is used to strengthen and reinforce the coating and surface. The design of the fabric eliminates air pocket and allows the AMCOS MAX SHIELD CERAMIC EMULSION to flow through and adsorb, forming an impenetrable barrier to water and most other liquids. The excellent conformability of the fabric makes AMCOS MAX SHIELD REPELLER MAT perfect for irregular applications on vertical or horizontal surfaces.

## Features

- ◆ Great adhesion ◆ Good water resistance ◆ Elasticity
- ◆ UV resistance ◆ Light reflection ◆ Room temperature reduction
- ◆ Anti carbonation properties

## Recommended surfaces

Concrete & cement plaster roof

## Recommended application method



## Points to note

- Mix well before use.
- Actual coverage may vary depending upon the method and conditions of application, surface conditions, application skill, surface roughness and porosity etc.
- Do not apply on damp and uncured walls directly. On mild damp wall and fresh walls it is highly recommended to apply one coat of AMCOS PLASTER SEALER.
- Hairline cracks can be filled by AMCOS MASTER SEAL. Cracks up to 2 mm can be filled by AMCOS SEAL AND FILL. Cracks above 2 mm should be addressed by civil work.
- Recoat period is quoted for 25°C and 50% relative humidity, these may vary under different conditions.
- The paint film required at least one week time for complete curing under normal atmospheric conditions.
- Keep the container tightly closed after opening to prevent drying.
- Shelf life: 3 years from date of manufacture in original tightly closed containers away from direct sunlight and excessive heat.

## Safety

- Wear masks, gloves, safety goggles and protective clothing while handling and application of paint.
- Keep out of reach of children and away from eatables.
- Store paints away from direct sunlight, heat open fire and water.
- Do not pour the leftover paints in drains. Dispose off the paint left overs and containers as per local regulations.
- Splashes on skin should be cleaned with a suitable solvent, washed off with soap and water.
- In case of any accidental ingestion or contact with eye, seek immediate medical attention.
- Lead content does not exceed 90 ppm.

Disclaimer: The information contained with this datasheet is based on our laboratory and practical experiments and we may change these with out notice. As the products are often used under conditions beyond our control, we do not take responsibility and liability for anything other than the quality of the product itself.

## Surface preparation

Surface preparation is very important and a critical part determining the life of the coating. Surface should be properly cleaned by pressure wash. A bio wash is required for avoiding any chances of mold, mildew, algae growth. Surface should be free from dust, moisture, grease or loose particles. Apply AMCOS MAX SHIELD only to sound and well prepared roof surface. If not, necessary civil work is required. Cracks should be properly sealed (Hairline cracks using AMCOS MASTER SEAL, cracks up to 2mm using AMCOS SEAL AND FILL and cracks above 2 mm should be addressed by civil maintenance work). If the plastered surface required extra bonding, a sealer coat-AMCOS PLASTER SEALER is recommended prior to the application of the product which helps to lock down slight loose sands on roof surface. Ensure that a proper slope is maintained at the terrace to avoid any stagnant water.

## Directions for use

Apply MAXSHIELD Ceramic Emulsion to the surface about 2 to 4 inches wider than the REPELLER MAT so that the total area underneath the mat is pre-coated. Mat must be laid or rolled into the wet surface. Do not apply MAXSHIELD to a large area as coating might dry before the mat is laid. Lay the mat into the wet surface conforming it to the shape of the surface, thereby eliminating any air pockets, wrinkles or bunching up of the mat. A high density short roller can be used on even surfaces to flatten and smooth out the mat. Allow to dry for 3-4 hours. Apply a second coat of Amcos Max Shield Ceramic Emulsion over the mat thus sandwiching the REPELLER MAT between the two coats of AMCOS MAX SHIELD CERAMIC EMULSION.

## Technical data

Dilution	:	Not recommended
Coverage	:	15 sq ft/ltr/for 2 coats.
Surface dry	:	45 minutes
Hard dry	:	6 hours

## Packing



## Colour



◆ White