



# INSULATE UV

Polyurethane UV resistant, heat reflective membrane

## PRODUCT DESCRIPTION

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Tamsi INSULATE UV is a high build elastomeric urethane/acrylic based UV resistant membrane designed for use on roof and wall substrates to reduce heat absorption into buildings.

## ADVANTAGES

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- Water based polyurethane membrane
- Suitable for horizontal and vertical surfaces
- Reflects solar heat and rejects it back to the atmosphere
- Does not re-emulsify once fully dried
- Durable and tough seamless finish
- Flexible & Elastomeric
- UV resistant
- Salt and carbon attack resistant

## USES

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- New and existing roofs
- Shipping containers
- Silos
- External floors
- Warehouse and storage buildings
- Portable buildings, cabins and workshops
- Asbestos metal roofs
- Areas where insulating and waterproofing are required

## TECHNICAL PERFORMANCE DATA

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Coverage: 1.5 m<sup>2</sup>/L/coat  
Application temperature: 15-30 °C  
Cure Time: Touch dry 2 to 6 hours, hard Cure 24-36 hours  
Min Curing temp: 5°C

Green Rated VOCs: Yes  
Reinforced: Yes

## SURFACE PREPARATION

All surfaces to be treated must be structurally sound; and existing coatings, adhesives, efflorescence should be removed to achieve maximum bond strength and resistance to hydrostatic pressure. Surfaces must be cleaned free of dirt, grease, oil, or other surface contaminants. Holes, non-structural cracks or other surface deformities should be repaired.

## PRIMING

Tamsi membranes are recommended to be applied onto primed surfaces

- EASYPRIME – for all under tile wet areas
- EASYPRIME *plus* – slurry/primer for porous and non-porous surfaces, underground, exposed or immersed areas
- HYDROSTOP – On surfaces with residual or rising damp and for external applications, smooth surfaces such as cement sheet and over some tiles

## APPLICATION

- Tamsi INSULATE UV can be applied by roller or brush
- Apply product at a minimum of 2 coats and at a total minimum coverage of 2L/m<sup>2</sup>, forming a dried film thickness of 1.5-2mm (vertical 0.8mm)
- At all junctions apply bond breaker or fast cure mastic fillet
- At all junctions embedded polyester/rubber reinforcing tape into membrane
- Do not apply when surface temperature is below 5°C or above 35°C

## OVERCOAT

Allow at least 4 hours of curing time depending on the weather

## PRECAUTIONS

- During conditions of low temperature or high humidity the INSULATE UV curing rate will slow dramatically.
- Avoid applying over any surfaces that have been previously coated or treated with curing compounds, concrete bonding agents or acrylic coatings. These areas must be mechanically cleaned by grinding to produce a contamination free surface.
- Do not apply to areas subject to heavy foot traffic in commercial environments or vehicular traffic.
- Do not apply to areas when rain is imminent.

## SAFETY PRECAUTIONS

Tamsi INSULATE UV is safe water based product however; avoid contact with skin and eyes. Use protective gloves. Ensure there is adequate ventilation and avoid breathing vapours. Keep away from children. If swallowed do not induce vomiting. Give plenty of milk or water. Seek medical advice. Keep containers in a well-ventilated place. In enclosed areas, such as water tanks and basements, ventilation should be provided to enable adequate evaporation of the coating. In case of eye contact, rinse with plenty of water or contact Poisons Information Centre. If swallowed immediately contact doctor or Poisons Information Centre 131 126.

ADDITIONAL INFORMATION IS LISTED IN (MSDS).

## CLEAN UP

Clean up with water while wet. Once dried product needs to be removed mechanically or by solvent.

## PACKAGING

- 15L • 5L