

TOUGH PU

Water based polyurethane trafficable membrane

PRODUCT DESCRIPTION

Tamsi TOUGH PU is a high quality UV resistant external trafficable reinforced membrane. Designed to cope with both pedestrian and, if reinforced with fibre sheeting; light vehicle traffic.

ADVANTAGES

- Easy to use
- Does not re-emulsify once fully dried
- Fibre reinforced
- Durable and tough
- Flexible & Elastomeric
- Trafficable
- UV resistant
- Salt and carbon attack resistant
- High urethane content

USES

- External wet areas, balconies, terraces, decks and podiums.
- Roof top areas & roofs
- Garages & parking bays
- Walkways
- Surfaces requiring a strong trafficable waterproofing membrane

TECHNICAL PERFORMANCE DATA

Coverage: 1.5 m²/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

Results of assessment of durability:

Elongation	Strain %
Control	662%
Water Immersion	1247%
Bleach Immersion	1065%
Detergent Immersion	1447%
Heat Ageing	457%

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
- EOPRIME or HYDROSTOP – On surfaces with residual or rising damp and for external applications, smooth surfaces such as cement sheet and over some tiles

APPLICATION

- Tamsi TOUGH PU can be applied by roller or brush
- Apply product at a minimum of 2 coats and at a total minimum coverage of 2L/m², forming a dried film thickness of 1.5-2mm
- 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 PROTECT LX 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 when rain is imminent.

SAFETY PRECAUTIONS

Tamsi TOUGH PU 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