

EVOLUTION TAPE

PRODUCT DESCRIPTION

EVOLUTION TAPE is an open weave polyester reinforcing fabric for the use of reinforcing waterproofing membranes and coatings.

EVOLUTION TAPE forms excellent durable bonding, barrier, reinforcement and a flexible seamless finish when used with waterproofing membranes and coatings.

ADVANTAGES

- Wet up easily into high build liquid membranes.
- Outstanding comfortability to uneven substrate surfaces.
- Outstanding workability with crease-free and wrinkle-free application.
- Light weight and suitable for both vertical and horizontal applications.
- Good tensile strength, wet or dry.
- Excellent resistance to detergents, bleaches, most chemicals.
- Not affected by water, rot or mildew.
- Resistant to temperatures up to 205°C.
- Non irritating to the skin unlike glass fibre matting.

TYPICAL APPLICATIONS

Reinforcing fabric for waterproofing liquid membranes and coatings;

- Over roof and other areas where cracking or movement of substrate is expected.
- Over joins, cracks, gaps and in corners or wherever additional tensile strength membrane build-up is desired.
- In shower recesses and other wet areas.
- Trafficable waterproofing of roofs, balconies, patios, decks etc.
- For bridging joints.
- Waterproofing of parapet walls.

Suitable to be used with most liquid membranes and coatings including;

- Acrylics, polyurethane, cutback asphalt, bitumen emulsions, elastomeric asphalt and synthetic rubber coatings

ROLL LENGTH	250m
ROLL WIDTH	150mm
THICKNESS	approx 0.46mm
TENSILE STRENGTH (N/5CM)	60 - MD 84 - CD
ELONGATION (%)	54 - MD 62 - CD
PH	Neutral
ABSORPTION RATE (%)	400
MATERIAL	Polyester 100%
COLOUR	White

Tamsi
Evolution Tape 150mmx250m

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 surfaces contaminants. Holes, non-structural cracks or other surface deformities should be repaired.

APPLICATION

Prime substrate with recommended primer and allow primer to dry before starting membrane application.

- Internal wet areas (bathrooms)
 - Tamsi EASYPRIME is suitable.

- Smooth non porous substrates, such as plastic, metal, coated surfaces such as scyon sheets, marine ply, chipboard or old coatings, will not allow penetration from Easyprime and will sit on top and not dry.
 - use Tamsi HYDROSTOP epoxy (can be diluted 10% with water) or PREMIUM PRIME.

- External Wet areas (balconies, roofs, planter boxes and retaining walls)
 - use Tamsi HYDROSTOP epoxy (can be diluted 10% with water) or PREMIUM PRIME.

Apply a suitable fast cure sealant - either modified silicone (preferred) or fast cure polyurethane sealant, to all wall/ floor joins (as a fillet) and floor joins or around any detail areas.

Apply EVOLUTION TAPE to all moving joins or cracks embed into the membrane and place against sealant.

STORAGE

Material Should be stored in dry area ideally at 21°C and 50% relative humidity



Disclaimer: This Technical Datasheet (TDS) contains technical details and recommendations based on our best knowledge and the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Tamsi does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in an accordance with any advice, specification, recommendation or information given by it.

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