



TECHNICAL DATA SHEET

GLAZE-TECH

Single Component Solvent Based Moisture Cured Flexible Coating

Thortex Glaze-Tech is a high performance high build elastomeric polyurethane coating designed for use as a clear system for glass to prevent shattering.

Thortex Glaze-Tech is based on a unique blend of aliphatic colour stable resins to produce a coating which offers a tough durable finish with a high degree of impact, erosion and weather resistance.

Thortex Glaze-Tech is simple and easy to use and can be applied directly to any glass surface.

Before proceeding, please read the following information carefully to ensure that the correct application procedure is fully understood.

SURFACE PREPARATION

All surfaces should be clean, dry and free from oil, grease and other contaminants.

MIXING

Thortex Glaze-Tech is a single component material and should only require stirring prior to use to incorporate any slight separation.

APPLICATION

Provided the prepared surface is dry and free from condensation or ice **Thortex Glaze-Tech** can be applied at temperatures down to 0°C with no restriction on relative humidity. However, **Thortex Glaze-Tech** should not be applied during rain / snow or when precipitation is likely to occur before the coating has achieved a 'touch dry' state.

Thortex Glaze-Tech can be applied by brush or roller.

For brush application good quality stiff bristled brushes should be used. **Thortex Glaze-Tech** should be applied to give a uniform coating thickness.

For roller application medium to long pile rollers should be used with the product being applied to give a uniform coating thickness.

For optimum performance **Thortex Glaze-Tech** should be applied in two coats to both sides of the glass.

All equipment should be cleaned IMMEDIATELY after use with **Thortex Universal Cleaner**.

Theoretical Coverage Rate

4 m²/litre at 150 microns dft (43 ft²/litre at 6 mils dft)

Typical Film Thickness

Wet 250 microns (10 mils)

Dry 150 microns (6 mils)

Detailed working recommendations are available from the Technical Centre on request.

PHYSICAL CONSTANTS

Mixing Ratio Supplied ready for use.

Appearance Viscous Clear Liquid.

Drying & Cure

Times at 20°C	Touch Dry	2 hours
	Hard Dry	16 hours
	Minimum Overcoating	16 hours
	Full Cure	7 days

Volume Solids 60%

V.O.C. 326 gms/litre

Shelf Life Use within 12 months of purchase.
Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F).

PHYSICAL PROPERTIES

Elongation 200%

ASTMD412

Tear Strength 71.6kg/cm (400 pli)

ASTMD624

Tensile Strength 210kg/cm² (3000 psi)

ASTMD412

Impact Resistance Class A Pass with 200 microns applied to both sides of glass

BS 6206:1981

FOR FURTHER INFORMATION PLEASE CONTACT

HEALTH AND SAFETY

As long as normal good practice is observed **Thortex Glaze-Tech** can be safely used.

Good ventilation should be provided in confined areas.

The use of protective gloves is advisable during use.

A fully detailed **Material Safety Data Sheet** is either included with the material or is available on request.

PACKAGING

Supplied in 5 litre units

The information provided in this Product Data Sheet is intended as a general guide only and should not be used for specification purposes. The information is given in good faith but we assume no responsibility for the use made of the product or this information because this is outside the control of the company. Users should determine the suitability of the product for their own particular purposes by their own tests.



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