



# 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 color 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 32°F with no restriction on dew point or 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. The 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  
43 ft<sup>2</sup>/liter at 6 mils dft

Typical Film Thickness

Wet 10 mils

Dry 6 mils

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

## PHYSICAL CONSTANTS

Mixing Ratio Supplied ready for use.

Appearance Viscous Clear Liquid.

Drying & Cure  
 Times at 68°F

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 40°F and 86°F.  
 Where storage conditions prevent temperature being maintained below 86°F short-term storage up to 104°F will not cause adverse effects on the shelf life.

## PHYSICAL PROPERTIES

Elongation	200%
ASTM D412	
Tear Strength	400 pli
ASTM D624	
Tensile Strength	3000 psi
ASTM D412	
Impact Resistance	Class A Pass with 200 microns applied to both sides of glass
BS 6206:1981	

## 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 liter 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. Detailed specifications are available on request from the company.

FOR FURTHER INFORMATION PLEASE CONTACT

<p>His Glassworks, Inc.          91 Webb Cove Road, Asheville, NC 28804          Tel: 828 254 2559 Fax: 828 254 2581          E Mail: <a href="mailto:info@hisglassworks.com">info@hisglassworks.com</a>          URL: <a href="http://www.hisglassworks.com">http://www.hisglassworks.com</a></p>
--

