

# 3M™ Scotchkote™ Urethane Glass Coating 605

## Data Sheet and Application Guide

### Product Description

Scotchkote Urethane Glass Coating 605 has been specifically developed as a single component liquid applied anti shatter coating for use on glass and other clear materials used for rooflights.

### Product Features

- Combines good application characteristics with fast drying capabilities.
- Suitable for brush, roller or spray application.
- Can be applied at temperatures down to 0°C
- Class A pass with 200 microns applied to both sides of glass when tested to BS 6206.

### General Application Steps

1. Remove surface contamination and ensure surfaces are dry.
2. Apply Scotchkote Urethane Glass Coating 605.
3. Allow to cure.
4. Inspect the coating for defects.
5. Repair all defects.

## Properties

Property	Value
Colour	Clear
<b>Drying &amp; Cure times at 20°C (68°F)</b>	
Touch Dry	2 hours
Hard Dry	16 hours
Minimum Overcoating	16 hours
Full Cure	7 days
Volume Solids	60%
Specific Gravity (Average)	1.05
V.O.C (As Supplied)	330g/ltrl
Film Thickness	250 microns wet, 150 microns dry.
Theoretical Coverage Rate	4sq metres per litre at 150 microns dft..
<b>Performance Data</b>	
Impact Resistance	Class A Pass with 200 microns applied to both sides of glass (BS 6206:1981)
Elongation	200% (ASTM D412)
Tear Strength	70N/mm (400 pli) (ASTM D624)
Tensile Strength	20.5Mpa (3000 psi) (ASTM D412)



# Application Procedures for 3M™ Scotchkote™ Urethane Glass Coating 605

## Surface Preparation

All surfaces should be clean, dry and free from contamination.

## Application Procedures

### Mixing:

Single component product supplied ready for use.

## Application

Application should not be carried out during rain or snow or when precipitation is likely to occur before the product has reached the touch dry state.

**Brush:** Good quality stiff bristle brushes should be used with even strokes, ensuring that the Scotchkote Urethane Glass Coating 605 is not over-brushed leading to less than the specified coating thickness.

**Roller:** Medium to long pile mohair rollers are the preferred equipment for this application method. Scotchkote Urethane Glass Coating 605 should be spread evenly with regular checks made to ensure the correct uniform wet film thickness is achieved. For optimum performance two coats should be applied to both sides of the glass.

All equipment must be cleaned IMMEDIATELY after use with 3M™ Scotchkote™ Thinners PU71.

## Packaging and Storage

Supplied in 5 litre units.

Use within 12 months of date of manufacture. Store in original sealed containers at temperatures between 5°C and 32°C.

## Handling and Safety Precautions

Read all Health Hazard, Precautionary and First Aid, Material Safety Data Sheet, and/or product label prior to handling or use.

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