



TDS08 LV ADHESIVE December 03

Regabond LV Bevelled Glass Adhesive

1. PRODUCT DESCRIPTION

This material when cured with UV light or when cured with Visible Blue light has a wipeable excess adhesive.

Regabond LV adhesive is a high quality, resilient, flexible, photo-initiating polymer. It has similar optical, refractive & light transmission data to float, and bevelled glass. This material is formulated to cure with UV-Tek's UV and Vis light luminaries and can be used with or without " Bevel Templates. "

The material is very durable, and will withstand in excess of 1000 hrs weather testing to ASTM - G 53-94, without breaking down, (when used in conjunction with UV-Tek luminaires. Test data available on request)

Regabond LV Bevelled Glass Adhesive is manufactured in the EEC.

2. APPLICATION

Ensure all glass surfaces to be bonded are cleaned with UV-Tek Glass Cleaner. Select the correct template. Apply in position to sheet glass as directed. Apply Regabond LV Bevelled Glass Adhesive to the underside face of the bevel. Press bevel down gently to remove excess adhesive, air bubbles, and other visible contaminants. Cure the adhesive with the UV-Tek luminaires for the desired cure time**. Remove excess adhesive and remove template. Provide the 2nd cure. Clean all glass and templates with UV-Tek Glass Cleaner.

3. CURE TIME**

Float glass. UV cure 1 x 15 seconds x 2. Vis Light approx. 45 seconds x 2.

4. TECHNICAL SPECIFICATIONS

Solvent free modified acrylic ester.

Flashpoint

> 85° C

Colour

Clear

Odour

Distinctive

Viscosity

700 cps @ 21° C

Specific gravity

1.04 appx

Refractive Index

1.5 + / - 0.2

Light Transmission

>99.8 %

Cure Wavelength

310 – 415 nanometers, typically UV – B, UV – A and Visible Violet / Indigo light.

WeatherTest

In excess of 1000 hrs ASTM G - 53 - 94. (Akzo Nobel.U.K.)

Flex Test

25mm sq bevel bonded to center of 610 x 50mm x 4mm glass. Glass pivoted in center 12mm high and distorted down at both ends to try & shear bevel. Base glass touched the worktop, bevel still bonded with no defects to the bond.

Containers

Regabond LV Bevelled Glass Adhesive is supplied in 200gm, black poly-bottles.

Limitations

This material will cure readily when exposed to U.V. and or Visible Light.

Protect the adhesive from indirect curing sources, such as sunlight, and other UV light generating sources, and heat.

Storage

6 months when stored in its original sealed container in a dark store at + 5° C. Ensure black bottle cap is replaced when not in use.

KEEP WELL AWAY FROM CHILDREN

5. HEALTH & SAFETY

This material is a mild irritant to skin & eyes. Refer to H.S. sheet No:- HS04

Information and recommendations are given in good faith and based on practical tests. No warranty or guarantee is given as to the fitness of any Goods for any particular purpose and the buyer shall have satisfied himself as to the fitness of the Goods for the purpose for which they are so required. Product covered by Standard Conditions of Sale.