



UV ADHESIVE • CODE 4000

# Krystal 4000

UV Adhesive

REF EWC/GA127/1/27112020

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## PRODUCT DESCRIPTION

Krystal UV 4000 is a photo-curing adhesive that can cure rapidly under the ultraviolet light (365nm) or visible light (436nm) and exhibits excellent adhesion strength. It has low viscosity and high permeability to meet the requirements for glass face-to-face bonding or T-type bonding. Additionally, this resin can be applied through penetrating method to achieve better glue line at the edge.

## CHARACTERISTICS

- Excellent transparency
- Good thermal and shock resistance
- Excellent glass bonding strength
- Good weather resistance
- Good penetration

## PHYSICAL PROPERTIES (UNCURED)

PROPERTIES	SPECIFICATION
Chemical Properties	Acrylic Resin
Appearance	Colourless
Viscosity @ 25°C (S14 100 rpm)	45 - 65
Solvent Content, %	0
Heavy Metal Content, %	0

## TYPICAL PROPERTIES OF CURED MATERIAL

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PROPERTIES	SPECIFICATION
Hardness, Shore D	70
Temperature Range °C	-40 to 100
Refractive Index	1.46

## CURE SCHEDULE

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PROPERTIES	SPECIFICATION
UV Light Intensity	1500 - 3000 mj/cm <sup>2</sup>
Wavelength	365nm
Recommended Cure Time, seconds	10 - 15

## STORAGE CONDITION

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Store original container in a cool and dry area where it is not exposed to high heat or direct sunlight. Advise to store UV adhesive below 25°C.

## PACKAGING SIZES

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- 50ML Plastic Anti-UV Bottle
- 1 Liter Plastic Anti-UV Bottle

## SHELF LIFE

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This product has 1year shelf life when stored in original, unopened container between 15-25 °C, away from direct light sources.

## HANDLING PRECAUTIONS

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Some findings indicate a lack of potential for carcinogenicity with the compositions of by long term recurrent application to the skin. However, contact with skin is likely to produce mild transient reddening. It is important to remove adhesive from skin with soap and water thoroughly. Krystal 1000 is of moderate acute toxicity by swallowing. If swallowed, induce vomiting at once and call a physician. Avoid contact with eyes. In case of contact, flush with water for at least 15 minutes and get medical attention immediately. For specific information on this product, consult the Material Safety Data Sheet.

## ■ COMPLIANCE AND QUALITY

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Made under the ISO 9001 quality management system of Vitrochem Technology. RoHS declarations and Safety Data Sheets are available on request.

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All recommendations for the use of our products are based on the current state of our knowledge. The Buyer remains responsible for satisfying itself that the product is suitable for its intended process or purpose. Since we cannot control the application, use, or processing of the product, we accept no responsibility on that basis. Refer to the current controlled data sheet, or contact us, before production use.