

IsoBond UTN 5115

IsoBond[®] UTN 5115 is a 1 component urethane adhesive designed for use as a structural adhesive. IsoBond[®] UTN 5115 meets ASTM E72, Standard Test Methods of Conducting Strength Tests of Panels for Building Construction. Testing reports can be provided upon request.

*Values given are not intended to be used in specific preparation

Component Properties

| | |
|-------------------------------------|-------------|
| Color - ISO | Amber Brown |
| Specific Gravity - 74°F | 1.13 |
| Viscosity - ASTM D-2196 - 74°F, ISO | 16,000 cps |

Reactivity Profile

| | |
|---------------------------------|------------|
| Open Time - ASTM D4497 - 20 mil | 13 Minutes |
| Full Cure | 24 Hours |

APPLICATIONS

- Wood, Foam, Plastics, Other natural products

RECOMMENDED HANDLING INSTRUCTIONS

IsoBond[®] UTN 5115 must be stored in airtight containers and should not be exposed to the atmosphere until application. Product is moisture sensitive and should avoid contact with moisture before use. It should be stored at 60 – 120F.

Surfaces should be clean, dry, and free of oils or coatings that might prevent the adhesive from bonding to the surfaces. Metal surfaces can be cleaned with xylenes, mineral spirits, MEK but should be dried before adhesive application. An isopropyl alcohol wipe is recommended for cleaning plastics that may have dirt or mold release on their surface. Isotec also has plastic primers available if required. Parts should be clamped together for 10-20 minutes before handling and moving.

Shelf life is minimum 6 months in unopened containers.

STORAGE

Protect from moisture. If the ISO side material is exposed to moisture, including moisture from the air, it will release CO₂ gas. If placed in a sealed container, this gas can cause a dangerous buildup of pressure potentially resulting in injury or death.

SAFETY

-Refer to the product SDS for all relevant safety information.

Date Modified 7/24/2023

Since Seller exercises no control over Buyers application or use of the product manufactured by Seller ("product") and since materials used with the product may vary, it is understood that:

- THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OR MECHANABILITY OR FOR ANY PARTICULAR PURPOSE. While all data presented in Seller's technical data sheet is based on the best information available to Seller and believed correct, such data is not to be construed as a warranty that the product will conform to such specifications. Such technical data sheets are subject to change without notice. Reported laboratory test results of fire redundancy in no way relates to the actual performance under fire conditions. Since all urethane systems are organic, they will burn.
- Reported laboratory test results of the color stability in no way relates to the actual performance upon exposure to light sources. Since all aromatic urethanes experience color degradation upon ultraviolet light exposure, Seller shall not be liable for any damages resulting from ultraviolet light color degradation of any aromatic urethane systems manufactured or sold by Seller.
- The liability of the Seller shall not exceed the purchase price and the Buyer shall not be entitled to nor the Seller be liable for any consequential, incidental, indirect or special damages resulting in any manner from the furnishing of the product.

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