

PRODUCT DATA SHEET

Hydrotech® Bonding Adhesive Low VOC

General-purpose, low-VOC contact bonding adhesive

PRODUCT DESCRIPTION

Hydrotech® Bonding Adhesive - Low VOC is a synthetic polymer-based contact adhesive with a long tack time for easier construction assembly. It is fast drying and provides high green strength, with resistance to aging and heat.

USES

- Formulated to bond Hydrotech® Flex-Flash UN uncured neoprene flashing membrane to acceptable substrates
- Suitable for wood, metal, and concrete substrates

CHARACTERISTICS / ADVANTAGES

- Long tack time for easier assembly
- Fast drying
- High green strength
- Resistance to aging and heat
- Complies with provisions of the OTC Model Rule

PRODUCT INFORMATION

Packaging	5 gal (18.9 L) pail, 41 lb (18.6 kg)
Shelf Life	12 months in the original unopened container when properly stored.
Storage Conditions	Store in original container in cool, well-ventilated place. Keep away from heat, sparks, open flames, hot surface and oxidizing agents. Take precautionary measures against static discharge. Store at temperatures between 60 °F and 80 °F (16 °C and 27 °C).
Thickness	2 mils - 2.5 mils (0.051 mm - 0.064 mm) when coated on both surfaces.
Solid Content	25 % ± 1 %
Viscosity	2500 cps (± 500) (Brookfield RVT Spindle No. 3 @ 20 rpm)
Weight	14 lb (6.35 kg)
Specific gravity	0.912
Coverage	50 to 70 ft ² /gal (1.23 to 1.72 m ² /L) on each surface
Ambient Air Temperature	40 °F (4 °C) minimum Applying in temperatures below 40°F will extend the drying time and potentially cause condensation of water on the adhesive film, ultimately producing lower bond strengths.
Drying Time	20 to 30 minutes All working and cure times are approximate and may vary upon wind, humidity, and ambient/ surface temperatures.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

USES

- Do not use to seal seams or laps.
- Do not apply near open fire or flame.
- Extinguish all smoking materials before use.
- Use only in well-ventilated areas.
- Avoid prolonged inhalation of vapors and contact with skin.
- Ground 5 gal (18.9 L) metal pails when transferring material.

LIMITATIONS

AVAILABILITY

From Sika Corporation – Authorized Applicators for use within Hydrotech systems.

WARRANTY

Upon successful completion of the installed roof by the Sika Authorized Applicator in compliance with Sika requirements, Sika Corporation will provide a warranty to the Building Owner via the Sika Authorized Applicator.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

NOTES ON INSTALLATION

- Stir thoroughly before and during use.
- Both mating surfaces must be clean and free of contaminants.
- Completely and evenly coat both surfaces, avoiding globs and puddles.
- Allow both coated surfaces to dry before mating them together.
- Apply positive pressure with a steel hand roller or broom to ensure complete adhesion.

APPLICATION METHOD / TOOLS

- Apply using a brush or roller.
- While working with the adhesive, rotate containers through heated storage boxes as necessary to maintain the product temperature above 40 °F (4 °C).
- The adhesive may appear gelled or lumpy after

extended storage below 40 °F (4 °C). Return the material to room temperature for at least 24 hours before use.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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