



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**The Dow Chemical Company
2050 N. Broadway
Crest Hill, Illinois 60435**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Insta-Stik insulation adhesive.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This consists of pages 1 through 5.

The submitted documentation was reviewed by **Frank Zuloaga, RRC**



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Expiration Date: 10/10/07
Approval Date: 10/10/02
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**PRODUCT CONTROL NOTICE OF ACCEPTANCE
ROOFING ASSEMBLY APPROVAL**

Category: Roofing
Sub-Category: Adhesives
Materials: Urethane

**TRADE NAMES OF PRODUCTS MANUFACTURED OR
LABELED BY APPLICANT**

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
INSTA-STIK	It is supplied in a pressurized cylinders with a net weight of 23 lbs., with a total unit weight of 30 lbs.	N/A	A single component moisture curing urethane foam adhesive designed to adhere various roof insulations to other insulations, to a concrete substrate, and to properly prepared build-up roof coverings.

EVIDENCE SUBMITTED

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Date</u>
Factory Mutual	J.I. 1Y7A5.AM (FMRC 4450)	December 29,1995

TESTED SYSTEMS

1. **Deck Type:** Primed or unprimed structural concrete.

Insulation:

Base layer: One or more layers, min. 1.5" thick ACFoam II, E"NRG"Y-2, Iso+ GL or Insul-Tek, adhered to substrate with manufacturer supplied hose and wand or multi-bead applicator in a continuous $\frac{3}{4}$ to 1 inch minimum wide beads of adhesive spaced 12" on center. Insulation boards are immediately placed over adhesive beads and walked in.

Top Layer: Min. $\frac{1}{2}$ " thick GAFTEMP Recover Board insulation adhered to base layer with manufacturer supplied hose and wad or multi-bead applicator in a continuous $\frac{3}{4}$ to 1 inch minimum wide beads of adhesive spaced 12" on center, beads shall be perpendicular to bottom layer of insulations.

Membrane: Min. 3 ply type IV glass felt BUR or any approved roof covering system with current NOA as detailed in this approval.

Note: Fire Rating and maximum design pressure ratings shall be as define in the Roof Assembly Notice of Acceptance.



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2. **Deck Type:** Primed or unprimed structural concrete.

Insulation:

Base layer: One or more layers, min. 1.5" thick ACFoam II, E"NRG"Y-2, Iso+ GL, adhered to substrate with manufacturer supplied hose and wand or multi-bead applicator in a continuous $\frac{3}{4}$ to 1 inch minimum wide beads of adhesive spaced 12" on center. Insulation boards are immediately placed over adhesive beads and walked in.

Membrane: Fibertite, Sure-Seal Reinforced Standard, Sure-Seal Reinforced FR, Stevens Hypalon (CSM), or Stevens EP (TPO) with current Notice of Acceptance, fully adhered to insulation with the solvent based membrane adhesive as listed in the roof assembly Notice of Acceptance.

Note: **Fire Rating and maximum design pressure ratings shall be as define in the Roof Assembly Notice of Acceptance.**

3. **Deck Type:** Primed or unprimed structural concrete.

Insulation:

Base layer: One or more layers, min. 1.5" thick ACFoam II, E"NRG"Y-2, Iso+ GL or Insul-Tek, adhered to substrate with manufacturer supplied hose and wand or multi-bead applicator in a continuous $\frac{3}{4}$ to 1 inch minimum wide beads of adhesive spaced 12" on center. Insulation boards are immediately placed over adhesive beads and walked in.

Top Layer: Min. $\frac{1}{2}$ " thick approved high-density woodfiber board roof insulation adhered to base layer with manufacturer supplied hose and wand or multi-bead applicator in a continuous $\frac{3}{4}$ to 1 inch minimum wide beads of adhesive spaced 12" on center, beads shall be perpendicular to bottom layer of insulations.

Membrane: Fibertite, Sure-Seal Reinforced Standard, Sure-Seal Reinforced FR fully adhered to wood fiber board insulation with the solvent based membrane adhesive as listed in the roof assembly Notice of Acceptance or min 3 ply Type IV glass felt BUR with current Notice of Acceptance

Note: **Fire Rating and maximum design pressure ratings shall be as define in the Roof Assembly Notice of Acceptance.**



4. **Deck Type:** Primed or unprimed structural concrete.

Insulation:

Base layer: One or more layers, min. 1.5" thick ACFoam II, E"NRG"Y-2, Iso+ GL, Insul-Tek, adhered to substrate with manufacturer supplied hose and wand or multi-bead applicator in a continuous ¾ to 1 inch minimum wide beads of adhesive spaced 12" on center. Insulation boards are immediately placed over adhesive beads and walked in.

Top Layer: Min. ¼" thick Georgia Pacific Dens-Deck® (with current NOA) adhered to base layer with manufacture supplied hose and wand or multi-bead applicator in a continuous ¾ to 1 inch minimum wide beads of adhesive spaced 12" on center, beads shall be perpendicular to bottom layer of insulations.

Membrane:

- a) One or Two plies Brai SP4 or one ply of Brai SP4 and one ply of Brai GBSP4 with current Notice of Acceptance, torch applied to Georgia Pacific Dens-Deck® gypsum cover board. Hi-Tuff or Hi-Tuff EP roof cover fully adhered to gypsum cover board.
- b) Fibertite, Sure-Seal Reinforced Standard, Sure-Seal Reinforced FR, Stevens Hypalon (CSM), Stevens EP (TPO) with current Notice of Acceptance, fully adhered to Georgia Pacific Dens-Deck® gypsum cover board with the solvent based membrane adhesive as listed in the roof assembly Notice of Acceptance.

Note: Fire Rating and maximum design pressure ratings shall be as define in the Roof Assembly Notice of Acceptance.

5. **Deck Type:** 22 gage metal deck.

Insulation:

Base layer: Min. 1.5" thick ACFoam II, Pyrox, E"NRG"Y-2, Iso 95+GL or other approved roof insulations, secured to metal deck with 8 Insul-Fixx P plates and Insulfix fasteners per board (rate of 1 fasteners per ft² of insulation board). One or more layers of above listed roofinsulations adhered to mechanically attached base layer with manufacturer supplied hose and wand or multi-bead applicator in a continuous ¾ to 1 inch minimum wide beads of adhesive spaced 12" o. c. Insulation boards are immediatley placed over adhesive beads and walked in.

Top Layer: Min. 1/2" thick approved high-density woodfiber board or minimum ¼" Dens Deck roof insulation adhered to base layer with manufacture supplied hose and wand or multi-bead applicator in a continuous ¾ to 1 inch minimum wide beads of adhesive spaced 12" on center, beads shall be perpendicular to bottom layer of insulations.

Membrane: Unreinforced Sure-Seal EPDM fully adhered to woodfiber board insulation with Sure-Seal 90-8-30A Bonding Adhesive.

Note: Fire Rating and maximum design pressure ratings shall be as define in the Roof Assembly Notice of Acceptance.



SYSTEM LIMITATIONS

1. INSTA-STIK is a component used in approved roof assemblies. Roof assemblies are approved under specific roof assembly Notice of Acceptances.
2. INSTA-STIK may be used with any approved roof assembly listing INSTA-STIK as a component part of an assembly in the approval.
3. INSTA-STIK shall mark each packing container or label with manufacturer's name, address, shelf life of product, and with the Miami-Dade logo or the words "Miami-Dade Approved."
4. Fire Rating and maximum design pressure ratings shall be as define in the Roof Assembly Notice of Acceptance.
5. In steel deck construction base layer of insulation shall be mechanically fastened to deck. Optional top layer of insulation may be adhered with INSTA-STIK as described in this approval.

END OF THIS ACCEPTANCE

