

TECHNICAL BULLETIN # 1001

SUBJECT: INSULFOAM EPS UL LISTINGS w/ GENFLEX SINGLE PLY'S

DATE: OCTOBER 21, 1997

During the last several months there has been confusion generated by our competitor in regard to UL listings Insulfoam EPS has with Genflex Corporation Single Ply Membranes. The following is an up-to-date compilation of the listings in which Insulfoam EPS is part of a UL Classified System using Genflex membranes:

Class A Ballast Systems

- 1. DECK:** Combustible-15/32 **INCLINE:** 2
INSULATION: Any thickness or density of INSULFOAM EPS with a field or factory applied ½" minimum perlite or wood fiber.
MEMBRANE: All GENFLEX UL Classified Single Ply's
SURFACING: River bottom stone (¾" to 1 1/2 in. in diameter) at 1000 lbs./sq.

- 2. DECK:** Combustible-15/32 **INCLINE:** 2
INSULATION: ½" gypsum board or ¾" perlite above or below any thickness or density of INSULFOAM EPS
SLIP SHEET: Optional - One of the following slip sheets is required with the Genflex PVC systems when the EPS is placed directly under the membrane: Firestone "Protective Mat", Phillips Fiber Corp. "Rufon P5B", or Amoco Fabrics Co. "Style 4551", "Style 1199". If perlite or gypsum board is above the EPS the slip sheet is not needed. Other Genflex systems do not require slip sheet.
MEMBRANE: "GENFLEX II FRM", "GENFLEX II FRM-FR", "GENFLEX RM-F" or "GENFLEX RM-T", 45 or 60 mil
SURFACING: River bottom stone (¾" to 1 1/2 in. in diameter) at 1000 lbs./sq.

- 3. DECK:** Noncombustible **INCLINE:** 1
INSULATION: Any thickness or density of INSULFOAM EPS
MEMBRANE: "GENFLEX II EPDM", "GENFLEX RM-F", "GENFLEX RM-T", 45 or 60 mil
SURFACING: River bottom stone (¾" to 1 1/2 in. in diameter) at 1000 lbs./sq.

INSULATION ENGINEERED TO
MAKE A DIFFERENCE.

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- 4. DECK:** Noncombustible **INCLINE:** 2
INSULATION: Any thickness or density of INSULFOAM EPS
with a field or factory applied ½” minimum perlite or wood fiber.
MEMBRANE: All GENFLEX UL Classified Single Ply’s
SURFACING: River bottom stone (¾” to 1 1/2 in. in diameter) at 1000 lbs./sq.

Class A Fully Adhered Systems

- 1. DECK:** Combustible-15/32 **INCLINE:** Varies
INSULATION: Any thickness or density of INSULFOAM EPS
BARRIER: Gypsum Board, ½” min, joints offset 6 in.
INSULATION: Optional wood fiber board ½” min.
MEMBRANE: All GENFLEX UL Classified Single Ply’s
- 2. DECK:** Noncombustible **INCLINE:** Varies
INSULATION: Any thickness or density of INSULFOAM EPS
with a field or factory applied ½” minimum perlite or wood fiber.
MEMBRANE: All GENFLEX UL Classified Single Ply’s

Class A Mechanically Attached Systems

- 1. DECK:** Combustible-15/32 **INCLINE:** Varies
INSULATION: Any thickness or density of INSULFOAM EPS
BARRIER: Gypsum Board, ½” min, joints offset 6 in.
INSULATION: Optional wood fiber board ½” min.
MEMBRANE: All GENFLEX UL Classified Single Ply’s
- 2. DECK:** Noncombustible **INCLINE:** Varies
INSULATION: Any thickness or density of INSULFOAM EPS
with a field or factory applied ½” minimum perlite or wood fiber.
MEMBRANE: All GENFLEX UL Classified Single Ply’s
- 3. DECK:** Noncombustible **INCLINE:** 1/4
INSULATION: Any density of INSULFOAM EPS 1” min.
SLIP SHEET: 20 mil Lydall “ Manniglass 1200”
MEMBRANE: “GENFLEX RM-T”, 70-10 mil



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4. DECK: Structural Cement Fiber Units

INCLINE: 1/4

INSULATION: Any density of INSULFOAM EPS 1" min.

SLIP SHEET: 20 mil Lydall " Manniglass 1200"

MEMBRANE: " GENFLEX RM-T", 70-10 mil

Note-The above listings are for Class A assemblies. Class A assemblies qualify for Class A, B or C requirements. Additional listings for Class B and C listings exist. Contact Insulfoam-Technical Center for support on other B or C listing applications.

The above information is as printed in the current edition of "UL Roofing and Materials and System Directory". New listings may have been promulgated since the issuance of the UL Directory. Should there be a question regarding a listing, feel free to contact Underwriters Laboratories.

Web Site: www.ul.com

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