

**GenFlex Wood Fiber
Roof Insulation**

DESCRIPTION

GenFlex Wood Fiber Roof Insulation is a uniform density, nonasphaltic, cellulosic-fiber, insulation board. It is treated on the top surface to reduce bonding adhesive absorption. This product is to be used with GenFlex Single-Ply EPDM and TPO roofing systems.

PHYSICAL PROPERTIES

PROPERTY	ASTM TEST METHOD	TYPICAL VALUES
Weight	n/a	1.7 lb/ft ² (8.3 kg/m ²)
Water Absorption	C 208 and C 209	7% Volume Max.
Linear Expansion	C 208 and C 209	0.5% Max.
Compressive Resistance at 10% Deformation	C 165	45 psi Nominal

NOTE: GenFlex Wood Fiber Roof Insulation complies with ASTM C 208, Type II, Grade 2 specifications.

INSTALLATION

Install GenFlex Wood Fiber Roof Insulation in accordance with current GenFlex Specifications, details, and workmanship requirements.

For Fully Adhered systems, install coated side up. For asphalt and/or insulation adhesive use the board that is coated six sides.

PREPARATION OF SUBSTRATES

Substrates must be clean, dry, smooth, and free of sharp edges, tins, loose or foreign materials, oil, grease, or other materials which may damage the membrane.

APPLICATION PRECAUTIONS

Apply only as much roof insulation in one day as can be covered by completed roofing system the same day.

Take care when moving, transporting, handling, etc. to avoid sources of punctures and physical damage. Isolate waste products, such as petroleum products, greases, oils (mineral and vegetable) and animal fats from the GenFlex insulation. Contact GenFlex Roofing Systems Technical Department for specific recommendations.

PRODUCT DATA

NOMINAL THICKNESS	THERMAL VALUES R-VALUE	MAXIMUM FLUTE SPANABILITY
½" (13mm)	1.3	1 5/8" (40 mm)
1" (25 mm)	1.9	2 1/8" (53 mm)

Available Sizes

PRODUCT	THICKNESS	BOARD SIZE
Standard Coated One Side	½" (13mm) 1" (25 mm)	4' x 4', 4' x 8' (1.22 m x 1.2 m, 1.22 m x 2.4 m)
Coated Six Sides	½" (13mm)	4' x 4', 4' x 8' (1.22 m x 1.2 m, 1.22 m x 2.4 m)
FM 1-90 Coated One Side	½" (13mm)	4' x 8' (1.22 m x 2.4 m)

STORAGE

GenFlex insulation products **must** be protected from open flame and kept dry at all times. If stored out of doors, place on skids in a dry area and cover with a breathable tarp.

Assure that structural decking will support the loads incurred by the material stored on roof top. The deck load limitations should be specified by the project designer.

SHELF LIFE

Not applicable

PRECAUTIONARY DATA

GenFlex Wood Fiber Roof Insulation must be protected from open flame and kept DRY at all times. If stored out of doors, place on skids in a dry area and cover with a breathable tarp.

FLAMMABLE. Keep away from flame or excessive heat. May smolder if ignited. If ignited, extinguish completely.

Any deviation from the instructions or approvals by GenFlex Technical Services voids warranties, including implied warranties of merchantability and fitness for a particular purpose.

Refer to Material Safety Data Sheet for additional information.

NOTE: GenFlex ISO is also available in high compression strength (HC), minimum 25 psi.

