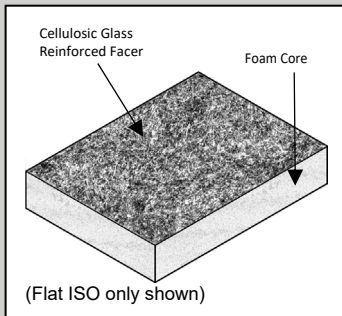


Product Data Sheet



GenFlex ISO

Item Description

Flat ISO: 4' x 4' (1.2 m x 1.2 m)
4' x 8' (1.2 m x 2.4 m)

Tapered ISO: 4' x 4' (1.2 m x 1.2 m)

Thickness: 0.5" to 4.5" (12.7 mm to 111.3 mm)
Available Slopes: 1/16" - 1/2" per 12" (.5 – 4%)

Description

GenFlex flat and tapered roof insulation consists of a closed cell polyiso foam core laminated to a black glass reinforced mat facer on both major surfaces. Flat and tapered GenFlex insulation provides outstanding thermal performance on commercial roofing applications, while providing positive rooftop drainage to help eliminate ponding water when tapered GenFlex insulation is used.

All GenFlex polyisocyanurate foam insulations use EPA accepted blowing agents. GenFlex ISO incorporates a HCFC-free blowing agent that does not contribute to the depletion of the ozone layer (ODP-free).

Method of Application

1. Insulation shall be neatly fitted to all roof penetrations, projections, and nailers.
2. No more insulation shall be installed than can be covered with membrane and completed before the end of each day's work or before the onset of inclement weather.
3. GenFlex ISO board may be installed using:
 - GenFast™ fasteners and plates
 - **NOTE:** For ballasted systems, the top layer of GenFlex insulation may not be mechanically attached.
 - Hot asphalt (requires a cover board)
 - Quick Dual™ Insulation Adhesive

Storage and Precautionary Data

- Keep insulation dry at all times
- Elevate insulation above the deck or ground
- Cover insulation with waterproof tarps
- Polyiso foam will burn if exposed to a flame of sufficient heat and intensity. Keep away from heat, sparks, and open flames.
- Protect against dust that may be generated during installation.
- Refer to Safety Data Sheet (SDS) for additional information.
- Take care when transporting and handling GenFlex insulation to avoid physical damage.

LEED® Information

See Recycled Content in table below.

Manufacturing Location: Aurora, CO; Corsicana, TX; Deforest, WI; Salt Lake City, UT
Bristol, CT; Youngwood, PA**; Jacksonville, FL**

**Miami-Dade Classified polyiso is only produced in the Jacksonville, FL and Youngwood, PA facilities.

NOTE: LEED® is a registered trademark of the U.S. Green Building Council

Specification Compliance

- ASTM C1289, Type II, Class 1
- UL Classified-UL1256
- FM Class 1 Approved
- Manufactured in an ISO 9001 Registered Facility
- CAN/ULC-S704, Type 1, Class 3



CCMC 13274-L

Typical Properties

Property	ASTM Test Method	Typical Value
Dimensional Stability	D2126	<2%
Compressive Strength*	D1621	20 psi (138 kPa)
Water Absorption	C209	<1% by volume
Moisture Vapor Transmission	E96	<1 perm (57.5 ng/(Pa•s•m ²))
Product Density	D1622	2.0 pcf (32 kg/m ³)
Service Temperature	N/A	-100 to 250 °F (-73 to 122 °)
Smoke Development	E84	Index 160 – 180
Flame Spread	E84	Index 50

* 25 psi (172 kPa) available by special order

Thermal Value

Thickness	R-Value	Max Flute Span	Approx. Recycled Content %		
			Post-Consumer	Post Industrial	Total
1" (25.4 mm)	5.7	2.625" (66.68 mm)	37	15	52
1.2" (30.48 mm)	6.8	3.675" (93.35 mm)	34	15	49
1.5" (38.1 mm)	8.6	4.38" (111.13 mm)	29	15	44
1.8" (45.72 mm)	10.3	4.38" (111.13 mm)	25	15	40
2" (50.8 mm)	11.4	4.38" (111.13 mm)	24	15	39
2.3" (58.42 mm)	13.2	4.38" (111.13 mm)	21	15	36
2.5" (63.5 mm)	14.4	4.38" (111.13 mm)	20	15	35
2.6" (66.04 mm)	15.0	4.38" (111.13 mm)	19	15	34
2.8" (71.12 mm)	16.2	4.38" (111.13 mm)	18	15	33
3" (76.2 mm)	17.4	4.38" (111.13 mm)	17	15	32
3.2" (81.28 mm)	18.6	4.38" (111.13 mm)	16	15	31
3.5" (88.9 mm)	20.5	4.38" (111.13 mm)	15	15	30
3.8" (96.25 mm)	22.3	4.38" (111.13 mm)	14	15	29
4" (101.6 mm)	23.6	4.5" (114.3 mm)	14	15	29
4.2" (106.58 mm)	24.9	4.5" (114.3 mm)	13	15	28
4.5" (114.3 mm)	26.8	4.5" (114.3 mm)	13	15	28

Please contact Amrize Technical Services at 800-428-4511 for further information.

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