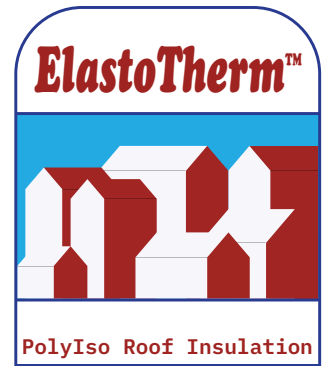


ElastoTherm™

Recover Board

Roof Recover Board



Product Information:

ElastoTherm Recover Board is a closed cell polyisocyanurate thermal insulation panel with an integrally bonded inorganic glass fiber reinforced facer and is compatible with Bitec roof membranes.



- Manufactured using a CFC-free, HCFC-free, and HFC-free foam blowing technology that has zero ozone depletion potential (ODP) and virtually no global warming potential.
- Available in both Grade 2 (20 psi) and grade 3 (25 psi) compressive strengths tested per ASTM C 1289.

Approvals:

- UL 790 Roofing Systems Classification
- UL 2824 resistant to mold growth as validated by UL Environment
- FM 4450/4470 (refer to RoofNav for specific details)
- Florida Approved (FL17989)
- Miami-Dade County Approved

Flat Panels:

- Sizes:
 - 4 ft X 4 ft
 - 4 ft X 8 ft
 - Thickness: 1 to 4 inches
- Refer to table 1 for flute spans and R value information

ElastoTherm Recover Board

Table 1 - Thermal Data

Thickness		LTTR	RSI	Flute Spanability	
in	mm	Value		in	mm
0.50	12.7	2.9	0.51	N/A	N/A
0.75	19.1	4.3	0.76	N/A	N/A
1.00	25.4	5.7	1.00	N/A	N/A

Storage:

- Store panels flat and in a horizontal position to prevent damage.
- Store elevated (at least 3 inches) and covered to protect from environmental damage.
- Do not use wet or damaged panels.
- Refer to PIMA Tech Bulletin No. 109 for additional guidelines.

Installation:

- Panels must be kept dry from storage through installation. Install only as much as can be covered with roofing that day.
- When using multiple layers of insulation, joints should be staggered a minimum of 6 inches to prevent thermal bridging.
- Panels should be abutted together and adjacement panels should have their joints staggered.
- Consult the Bitec Technical Department for fastening recommendations, or follow contract, FM, or FBC, requirements.

Physical Properties

Property	Result	ASTM Test
Compressive Strength, psi	20 (grade 2)	D1621
Dimensional Stability, %	<2	D2126
Water Absorbtion, %	<1.5	C209
Vapor Transmission, perm	<4.0	E96
Flame Spread	<75	E84
Smoke Developed	<450	E84
Density, pcf	2.0	D1622