

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

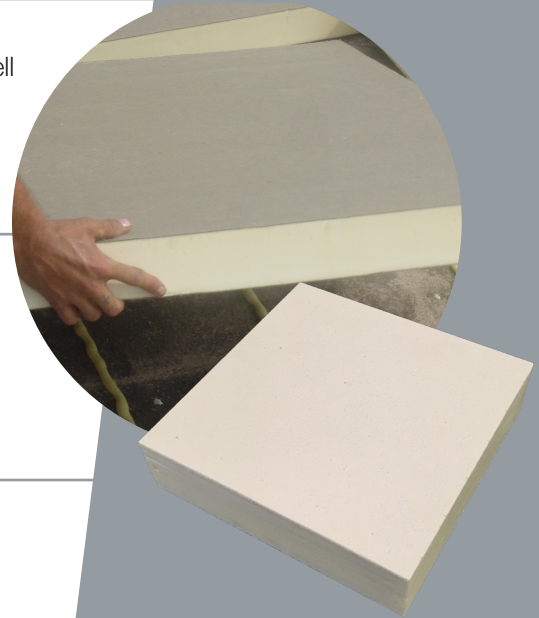
SOPRA-ISO+ is a rigid polyisocyanurate thermal insulation panel for use in approved multi-ply membrane and flashing assemblies. SOPRA-ISO+ is composed of closed cell polyisocyanurate foam bonded to inorganic coated glass mat facers on the top and underside.

STORAGE

Store panel flat and maintain in a horizontal position to prevent damage. Store panels in a clean dry location and cover as necessary to protect from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of SOPRA-ISO+.

APPLICATION

Prior to installation, ensure all SOPRA-ISO+ panels have not been subject to moisture. Place SOPRA-ISO+ in an offset or staggered pattern to ensure board joints are not overlapping in multilayer assemblies. Apply to approved substrate via DUOTACK adhesive or hot asphalt following manufacturer specifications. SOPRA-ISO+ may also be mechanically fastened to approved substrates. Refer to the SOPREMA SBS Roofing Manual for additional application guidelines.



QUICK FACTS

BOARD DIMENSIONS (in)	BOARD THICKNESS (in)	AVAILABLE PSI
4x4, 4x8 (1.2x1.2m, 1.2x2.4m)	1-4 (25-102 mm)	20, 25



TECHNICAL INFORMATION & TESTING

SOPRA-ISO+ THERMAL VALUES

THICKNESS, in	WEIGHT BY 100ft ² , lb	LTTR (R VALUE)	FLUTE SPANABILITY
1.0	17	5.7	2 5/8"
1.5	25	8.6	4 5/8"
2.0	34	11.4	4 5/8"
2.2	37	12.6	4 5/8"
2.5	40	14.4	4 5/8"
2.6	42	15.0	4 5/8"
3.0	48	17.4	4 5/8"
3.5	59	20.5	4 5/8"
4.0	67	23.6	4 5/8"

* Data is represented by average values, unless noted otherwise.

PHYSICAL PROPERTIES

PROPERTY		ASTM TEST
Compressive Strength, psi	20 (Grade 2)*	ASTM D 1621
Dimensional Stability, %	<2	ASTM D 2126
Vapor Transmission, perm	<1.5	ASTM E 96
Water Absorption, %	<1.5	ASTM C 209
Flame Spread	<75	ASTM E 84
Smoke Developed	<450	ASTM E 84
Service Temp, °F	-40 - 250	-

* ASTM C 1289 Type II, Class 2 Grade 2 (20 psi) or Grade 3 (25 psi)

TESTING & APPROVALS



FLORIDA BUILDING CODE

MIAMI-DADE COUNTY
APPROVED

