

SOPRA-ISO[®] TAPERED

Rigid Polyisocyanurate Thermal Insulation Panel



APPLICATIONS

INSULATION

PRODUCT DATA SHEET PD10308 - REV.220701

QUICK FACTS:

AVAILABLE PSI	TAPERED STOCK in (mm)
20, 25	1/8, 1/4, 1/2 (3, 6, 13)

PRODUCT NUMBERS:

- Contact Customer Service

DESCRIPTION & FEATURES:

SOPRA-ISO Tapered is a rigid polyisocyanurate thermal insulation panel for use in approved multi-ply membrane and flashing assemblies. SOPRA-ISO Tapered is composed of closed cell polyisocyanurate foam bonded to fiber reinforced glass/organic mat facers on the top and underside and is tapered to provide slope.

TESTING & APPROVALS:



FLORIDA BUILDING CODE

MIAMI-DADE COUNTY
APPROVED

APPLICATION:



GLOVED HANDS

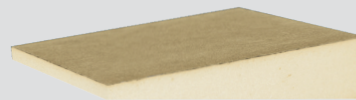
Prior to installation, ensure all **SOPRA-ISO Tapered** panels have not been subject to moisture. Place **SOPRA-ISO Tapered** in an offset or staggered pattern to ensure board joints are not overlapping in multilayer assemblies. Apply to approved substrate via **DUOTACK 365** adhesive following manufacturer specifications. **SOPRA-ISO Tapered** may also be mechanically fastened to approved substrates. Refer to the SOPREMA SBS Roofing Manual for additional application guidelines.

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 Tapered**.

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TECHNICAL INFORMATION & TESTING:

THERMAL VALUES		
PANEL	LTTR (R-VALUE)	THICKNESS
AA	4.3	0.5 - 1.0
A	7.1	1.0 - 1.5
B	10.0	1.5 - 2.0
C	12.9	2.0 - 2.5
X	5.7	0.5 - 1.5
Y	11.4	1.5 - 2.5
Q	8.6	0.5 - 2.5

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

PHYSICAL PROPERTIES		
PROPERTY	VALUE	TEST METHOD
Compressive Strength, psi	20 (Grade 2)* 25 (Grade 3)*	ASTM D1621
Dimensional Stability, %	< 2	ASTM D2126
Vapor Transmission, perm	< 1.5	ASTM E96
Water Absorption, %	< 1.5	ASTM C209
Flame Spread	< 75	ASTM E84
Smoke Developed	< 450	ASTM E84
Service Temperature, °F	-40 - 250	-

* ASTM C1289 Type II, Class 1 Grade 2 (20 psi) or Grade 3 (25 psi)