SOPRA-ISO HD®

PRODUCT DATA SHEET
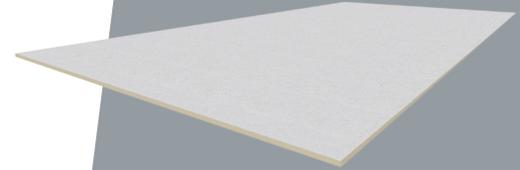
DESCRIPTION & FEATURES

SOPRA-ISO HD is a high density rigid polyisocyanurate panel designed for use as a cover board in approved multi-ply membrane and flashing assemblies. SOPRA-ISO HD 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 HD.

APPLICATION

Prior to installation, ensure all SOPRA-ISO HD panels have not been subject to moisture. Place SOPRA-ISO HD in an offset or staggered pattern to ensure board joints are not overlapping in multilayer assemblies. Apply to approved substrate via DUOTACK 365 adhesive or hot asphalt following manufacturer specifications. SOPRA-ISO HD 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)	PSI (max)
4x4, 4x8 (1.2x1.2m, 1.2x2.4m)	0.5 (13 mm)	109

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SOPRA-ISO HD THERMAL VALUES			
THICKNESS, in	WEIGHT BY 100ft², lb	R VALUE	FLUTE SPANABILITY
0.5	34.3	2.5	2 5/8"

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

PHYSICAL PROPERTIES		
PROPERTY		ASTM TEST
Compressive Strength, psi	109	ASTM D 1621
Dimensional Stability, %	< 0.5	ASTM D 2126
Water Absorption, %	<1	ASTM C 209
Flame Spread	<75	ASTM E 84
Smoke Developed	<450	ASTM E 84
Service Temp, °F	-40 - 260	-

* ASTM C 1289 Type II, Class 4 Grade 1 (109 psi max)

TESTING & APPROVALS

FM APPROVED   CLASSIFIED UL   FLORIDA BUILDING CODE   MIAMI-DADE COUNTY APPROVED

SOPREMA®