

## PRODUCT DATA SHEET

### DESCRIPTION & FEATURES

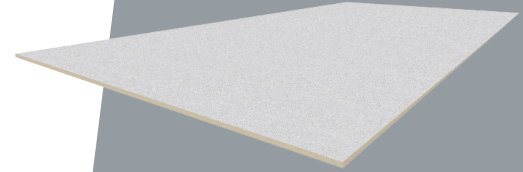
SOPRA-ISO HD is a high density rigid polyisocyanurate panel designed for use as a cover board in approved multi-ply membrane and flashing assemblies. SOPRA-ISO HD is composed of closed cell polyisocyanurate foam bonded to inorganic coated glass mat facers on the top and underside.

### 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 following manufacturer specifications. SOPRA-ISO HD may also be mechanically fastened to approved substrates. Refer to the SOPREMA SBS Roofing Guide 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



## TECHNICAL INFORMATION & TESTING

### SOPRA-ISO HD THERMAL VALUES

THICKNESS, in	WEIGHT BY 100ft <sup>2</sup> , 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



FLORIDA BUILDING CODE

MIAMI-DADE COUNTY  
APPROVED