

# SOPRA-ISO+<sup>®</sup>

## TAPERED

SOPRA-ISO+ Tapered<sup>®</sup>  
PRODUCT #  
Contact Customer Service

## PRODUCT DATA SHEET

### 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 inorganic coated glass mat facers on the top and underside and is tapered to provide slope.

### 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.

### APPLICATION

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 adhesive or hot asphalt 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.



#### QUICK FACTS

| AVAILABLE PSI | TAPERED STOCK (in) |
|---------------|--------------------|
| 20, 25        | 1/8, 1/4, 1/2      |



**SOPREMA<sup>®</sup>**

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TECHNICAL INFORMATION & TESTING

| SOPRA-ISO+ TAPERED THERMAL VALUES |                |           |
|-----------------------------------|----------------|-----------|
| PANEL                             | LTTR (R VALUE) | THICKNESS |
| AA                                | 4.3            | 0.5-1     |
| A                                 | 7.1            | 1-1.5     |
| B                                 | 10             | 1.5-2     |
| C                                 | 12.9           | 2-2.5     |
| 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                  |               | ASTM TEST   |
| Compressive Strength, psi | 20 (Grade 2)* | ASTM D 1621 |
| Dimensional Stability, %  | <2            | ASTM D 2126 |
| Vapor Transmission, perm  | <1.5          | ASTM D 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

