



ROOFING &
WATERPROOFING

SOPRA-ISO[®]

ROOFING



POLYISOCYANURATE INSULATION BOARDS



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 fiber reinforced/organic mat facers on the top and underside. With one of the highest R-values among all types of insulation (R-5.7 per inch), SOPRA-ISO forms a roof system that is slimmer, yet more effective.

BENEFITS

- Improves energy efficiency
- Reduces the carbon footprint of buildings
- Provides a suitable substrate for the coverboard/roof membrane
- Reduces deck movement by stabilizing temperatures
- Contributes to the performance of fire rated roof assemblies
- Compatible with system components, including adhesives
- Promotes dimensional stability of roof assembly

RELATED PRODUCTS

DUOTACK[®] 365

DUOTACK 365 is a low rise, two component polyurethane adhesive used to adhere insulation.

DUOTACK[®] SPF ADHESIVE

DUOTACK SPF Adhesive is a low pressure, two-component spray polyurethane, ribbon applied, foam adhesive specially formulated by SOPREMA for adhering insulation and coverboards to approved substrates or together.



PRODUCT INFORMATION

INSTALLATION METHOD	INSULATION ADHESIVE	
	ADHERED WITH HOT ASPHALT - MECHANICALLY FASTENED	
SURFACE/ UNDERFACE	ORGANIC FACERS REINFORCED WITH GLASS FIBERS	POLYMER-COATED GLASS FIBER
PRODUCT	SOPRA-ISO	SOPRA-ISO PLUS
IMAGE		
DIMENSIONS	4 x 4 ft (1.22 x 1.22 m) 4 x 8 ft (1.22 x 2.44 m)	
COMPRESSIVE STRENGTH	20 PSI 25 PSI	20 PSI 25 PSI
THICKNESS	0.5 to 4.5 in (13 to 114 mm)* *other thicknesses available on demand	
R VALUE	R-5.7 per inch	
FEATURES	<ul style="list-style-type: none"> • High dimensional stability 	<ul style="list-style-type: none"> • Higher dimensional stability due to the polymer coated glass fiber facers • Mold resistance

INSTALLATION VIA DUOTACK 365

- **Wide application temperature range** – DUOTACK 365 can be applied in temperatures as low as 14°F (0°C) without conditioning. This saves a lot of time and hassle for the applicator. There is no need for hot boxes on colder days (above 14°F), and no concerns about performance at low temperatures or at high temperatures.
- **No waiting to place boards** – Insulation/Coverboards are placed into “wet” DUOTACK 365 immediately after adhesive application. There is no waiting for the adhesive to react or foam prior to placing the boards which saves the applicator time and eliminates confusion from guessing when the adhesive is ready. Other adhesives require the applicator to wait for the adhesive to foam, but not skin over, before setting boards.
- **Zero V.O.C.** – DUOTACK 365 contains zero V.O.C.’s and has practically no odor. Other adhesives contain V.O.C.’s and have a slight chemical smell during application.

INSTALLATION VIA MECHANICALLY FASTENING

- **No special equipment required** – Installation via mechanically fastening does not require any special applicator or equipment to complete, simply a drill or driver. This makes the application very quick and easy.
- **Attains high uplift** – Installing SOPRA-ISO via mechanically fastening provides superior performance when it comes to wind uplift. Mechanically fastened SOPRA-ISO will achieve some of the highest ratings possible at FM due to the fastener attaching to the deck below.
- **Lower cost** – Traditionally, mechanically fastened systems are a lower cost attachment method when compared to using insulation adhesive or hot asphalt.

If you have any questions about this product or its installation, please contact your SOPREMA representative.

