

SOPRA-ISO

INSULATING

Polyisocyanurate board made of reinforced glass fiber mainly used as thermal insulation in flat roof systems or very low slope.

- Thermal resistance per inch is higher than any other type of insulation (R-value of 5.7 per inch)
- Excellent dimensional stability

PRODUCT PURPOSE

Application	Insulation		
Building Part	Roofing		
Types of Slope	Negative slope with internal drain	Very low slope	
Type of Coating	Bitumen membrane		

PRODUCT CHARACTERISTICS

Technology	Polyisocyanurate
Surface	Glass-fiber-reinforced organic coating
Underface	Glass-fiber-reinforced organic coating
Installation Method	Mechanically fastened
Operating Temperature	-73°C to 122 °C (-99 °F to 251 °F)

PACKAGING

Code	Width		Length		Thickness		Net Area		Brute Area		Quantity (per pallet)
	m	ft	m	ft	mm	in	m ²	ft ²	m ²	ft ²	
40421	1.2	4	2.4	8	50.8	2	2.88	32	2.98	32.04	24
40453	1.2	4	2.4	8	76.2	3	2.88	32	2.98	32.04	16
40474	1.2	4	2.4	8	101.6	4	2.88	32	2.98	32.04	12
40410	1.2	4	1.2	4	50.8	2	1.44	16	1.49	16.02	48
40436	1.2	4	1.2	4	76.2	3	1.44	16	1.49	16.02	36
40431	1.2	4	1.2	4	101.6	4	1.44	16	1.49	16.02	24



PROPERTIES

Properties	SOPRA-ISO
Valeur R	5.7 per inch

(All values are nominal)

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INSTALLATION

Tools required	 Knife	 Tape measure
Equipment Required	Electric screwdriver extension	
Installation	Fasten mechanically with insulation screws and plates using an extension screwdriver.	
Tricks / Tips	The amount of mechanical fasteners varies from one zone to another. For more information on the quantities required, consult the wind shear test reports from CSA A123.21-14 or Factory Mutual (FM 4470).	
Recommendations/ Limitations	The sealing membrane must not be bonded directly to the insulating panels SOPRA-ISO. A roof covering panel must be installed before the installation of waterproofing membranes.	

