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ACCEPTED ROOFING INSULATION & COVERBOARDS

Insulation

1. Each listed insulation manufacturer has confirmed third party product certification by an accredited independent testing agency, in accordance with ARCA's insulation acceptance criteria.

2. The design authority shall obtain long term thermal resistance (LTTR) values from the insulation manufacturer and shall specify primary insulation by thickness.

Isocyanurate Roof Insulation

CAN/ULC S704.1

Atlas Roofing Corporation
AC FOAM II & III

Carlisle
INSULBASE
INSULBASE HD
INSULBASE RL
SECURSHIELD
SECURSHIELD HD RL

Elevate
ISOGARD GL POLYISO
ISOGARD CG POLYISO

Hunter Panels LLC
H-SHIELD
H-SHIELD CG

IKO Industries Ltd.
IKOTHERM
IKOTHERM III

Polyglass
Polytherm
Polytherm G

Soprema Inc.
Sopra-ISO (e)
Sopra-ISO (s)
Sopra-ISO (r)
Sopra-ISO
Sopra-ISO Plus

Tremco
Trisotech

October 20, 2026

Expanded Polystyrene Roof Insulation

CAN/ULC S701

Airfoam
Korolite-EPS-100
Korolite-EPS-130
Korolite-EPS-160
Korolite-EPS-200
Korolite-EPS-250
Korolite-EPS-300
Korolite-EPS-400
Korolite-EPS-600
Korolite-GPS-100
Korolite-GPS-160
Korolite-GPS-200
Korolite-GPS-250
Korolite-GPS-300
Korolite-GPS-400

Alleguard
Envirosheet Type 1
Envirosheet Type 2
Envirosheet Type 3

Beaver Thermal Solutions Inc.
TERRAFOAM Type 1
TERRAFOAM Type 2

FOAM MODS
Foam Mods Type 1
Foam Mods Type 2

Plasti-Fab Ltd.
PLASTI-SPAN Type 1
PLASTI-FAB Type 2
PLASTI-FAB Type 3
ENERSPAN Type 1
ENERSPAN Type 2
ENERSPAN Type 3

SuperForm
EPS+ Type 1
EPS+ Type 2
EPS+ Type 3

Extruded Polystyrene Insulation

CAN/ULC S701

Owens Corning Canada.
FOAMULAR NGX C-300
FOAMULAR NGX 350

DuPont
DECKMATE Type 2
DECKMATE 200 Type 3
ROOFMATE Type 4
DECKMATE PLUS FA

Soprema Inc.
SOPRA-XPS 35
SOPRA-XPS 35 DC
SOPRA-XPS 40
SOPRA-XPS 40 PL
SOPRA-XPS 60
SOPRA-XPS 60 PL
SOPRA-XPS 100

Mineral Fiber Roof Insulation

ASTM C728

Soprema Inc.
SOPRAROCK DD (Plus)
SOPRAROCK MD (Plus) – 1 inch thick

Fiberboard Roof Insulation / Insulation Coverboards

Fibreboard Roof Insulation Coverboard (CAN/ULC S706-02)	Thickness	Attachment Method		
		Adhered (adhesive)	Adhered (asphalt)	Mech. Fast.
BP - ESGARD High Density (HD) Roof Insulator	12.7mm, 25mm		●	●
BP - ESGARD High Strength (HS) Roof Insulator	12.7mm, 25mm		●	●
MSL - Wood Fibreboard	12.7mm	●	●	●
Soprema Soprafibre NAT 1C	12.7mm	●	●	●

Note 1: Fibreboard Roof Insulation Coverboard is not considered an ARCA Accepted High Density Coverboard with a minimum compressive strength of 550 kPa (80 PSI).

Gypsum Fiber Roof Board Coverboard

Gypsum Fiber Roof Board Coverboard (ASTM C1278)	Thickness	Attachment Method			
		Adhered (adhesive)	Adhered (asphalt)	Mech. Fast.	
CGC Securock Gypsum Fiber Roof Board	9.5mm 12.7mm, 15.9mm	●	●	●	Max. asphalt application temperature for Type III asphalt of 235°C (455°F)

Note 1: Attachment in a full mopping of hot bitumen is permitted only over faced insulations that are not heat sensitive.

Glass-faced Gypsum Coverboard

Glass Faced Gypsum Coverboard (ASTM C1177)	Thickness	Attachment Method			
		Adhered (adhesive)	Adhered (asphalt)	Mech. Fast.	
Georgia Pacific - Densdeck	6.4mm, 12.7mm, 15.9mm	●	●	●	Mech. Fastened systems only
Georgia Pacific - Densdeck Prime	6.4mm, 12.7mm, 15.9mm	●	●	●	Mech. Fastened, Partially Adhered and Adhered Systems systems
CGC Securock Coated Glass Mat Roof Board	6.4mm, 12.7mm, 15.9mm	●		●	For use in cold-applied adhesive applications only

Note 1: Attachment in a full mopping of hot bitumen is permitted only over faced insulations that are not heat sensitive.

Asphalt Core Boards (over approved insulation)

Asphalt Core Board (CSA A123.25)	Thickness	Attachment Method		
		Adhered (adhesive)	Adhered (asphalt)	Mech. Fast.
IKO - Protectoboard	Min. 3mm	●	●	●
HAL - Perma-Board	Min. 4.5mm	●	●	●
Polyglass - Polyboard W	Min. 4.5mm	●	●	●
Polyglass - Polyboard E	Min. 4.5mm	●	●	●
Soprema - Sopraboard	Min. 3mm	●	●	●

Note 1: Combination base sheet membranes incorporating asphalt coreboard and asphalt coreboard are not accepted coverboards directly over polystyrene insulation.

High-Density Polyisocyanurate Coverboards

High-Density Polyisocyanurate Coverboard	Thickness	Attachment Method			
		Adhered (adhesive)	Adhered (asphalt)	Mech. Fast.	
Atlas - ACFOAM HD	Min. 12.7mm	●		●	
Elevate - Isogard HD	Min. 12.7mm	●	●	●	Coverboard can not be encapsulated with hot asphalt.
Carlisle - InsulBase HD	Min. 12.7mm	●		●	
Carlisle - Securshield HD	Min. 12.7mm	●		●	
Carlisle - Securshield HD RL	Min. 12.7mm	●		●	
IKO - IKOTherm CoverShield	Min. 12.7mm	●	●	●	
Soprema SOPRA-ISO PLUS HD	12.7mm	●		●	

Notes:

Composite Coverboards (SBS Modified Bituminous Membrane Systems)

Products listed below are described as factory laminated SBS base sheet onto a fire resistant "FR" fibreboard, asphalt core board, polyisocyanurate insulation or stone-wool panel.

Soprema Inc.

2-1 SOPRASMART ROCK	(12.7 & 25 mm thick with Soprema cap sheets only)
2-1 SOPRASMART BOARD	(5.4 mm & 7.0 mm thick with Soprema cap sheets only)
2-1 SOPRASMART BOARD SANDED	(5.4 mm & 7.0 mm thick with Soprema cap sheets only)
2-1 SOPRASMART ISO HD	(with Soprema cap sheets only)
2-1 SOPRASMART ISO HD SANDED	(with Soprema cap sheets only)
2-1 SOPRASMART ISO HD HP	(with Soprema cap sheets only)
2-1 SOPRASMART ISO HD HP SANDED	(with Soprema cap sheets only)

IKO Industries Ltd.

PROTECTOBASE 180	(with IKO cap sheets only)
PROTECTOBASE 180 SANDED	(with IKO cap sheets only)
SHIELDBASE 180	(with IKO cap sheets only)
SHIELDBASE 180 SANDED	(with IKO cap sheets only)

ACCEPTED ROOF INSULATION ADHESIVES

Polyurethane Foam Adhesive

.1 One or two component, low-rise, chemically cured urethane foam adhesive for the attachment of selected rigid roof insulation and cover boards to one another and to adhere to vapour barrier membranes.

Soprema Inc. (Approved Soprema Systems Only)
DUOTACK Roof Insulation and Coverboard Adhesive

IKO Industries Ltd. (Approved IKO Systems Only)
IKO MILLENIUM ADHESIVE

Carlisle (Approved Carlisle Systems Only)
FAST ADHESIVE Dual Cartridge

Elevate (Approved Elevate Systems Only)
I.S.O. TWIN PACK Insulation Adhesive

Polyglass (Approved Polyglass Systems Only)
Polyglass LRF