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### **ACCEPTED ROOFING INSULATION & COVERBOARDS**

#### Insulation

- 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

Atlas Roofing Corporation AC FOAM II & III

Carlisle
INSULBASE
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

### **Expanded Polystyrene Roof Insulation**

CAN/ULC S701

Alleguard Plasti-Fab Ltd.

Envirosheet Type 1 PLASTI-SPAN Type 1
Envirosheet Type 2 PLASTI-FAB Type 2
Envirosheet Type 3 PLASTI-FAB Type 3
ENERSPAN Type 1

Beaver Plastics Ltd. ENERSPAN Type 2
TERRAFOAM Type 1 ENERSPAN Type 3
TERRAFOAM Type 2

FOAM MODS EPS+ Type 1
Foam Mods Type 1 EPS+ Type 2
Foam Mods Type 2 EPS+ Type 3

# **Extruded Polystyrene Insulation**

CAN/ULC S701

Owens Corning Canada.Soprema Inc.FOAMULAR NGX C-300SOPRA-XPS 35FOAMULAR NGX 350SOPRA-XPS 35 DCDuPontSOPRA-XPS 40 PL

DECKMATE Type 2 SOPRA-XPS 40 PL
DECKMATE 200 Type 3 SOPRA-XPS 60 PL
ROOFMATE Type 4 SOPRA-XPS 100
DECKMATE PLUS FA

#### **Mineral Fiber Roof Insulation**

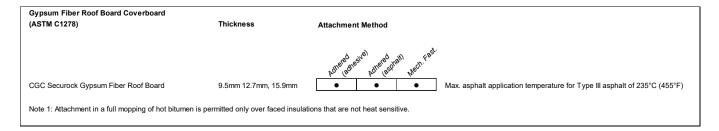
ASTM C728

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

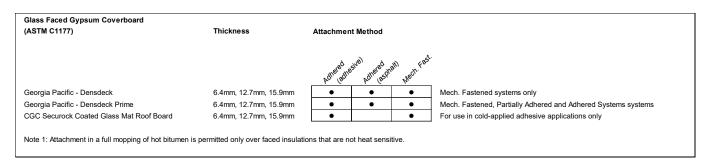
### Fiberboard Roof Insulation / Insulation Coverboards

(CAN/ULC S706-02)	Thickness	Attachment	Method		
		Adhered Rednes	ive) Adhered	jii) Nech.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 1C	12.7mm	•	•	•	

# **Gypsum Fiber Roof Board Coverboard**



# **Glass-faced Gypsum Coverboard**



# **Asphalt Core Boards (over approved insulation)**

Asphalt Core Board (CSA A123.25)	Thickness	Attachment Method				
		Adhered athe	sive) Adhered	nech 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	•	•	•		

# **High-Density Polyisocyanurate Coverboards**

ligh-Density Polyisocyanurate Coverboard	Thickness	Attachmen	t Method		
		Adhered adre	sive) Adhered	all Nech Fast	
Atlas - ACFOAM HS	Min. 12.7mm	•		•	
Elevate - Isogard HD	Min. 12.7mm	•	•	•	Coverboard can not be encapsulated with hot asphalt.
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	•		•	

### 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 (with Soprema cap sheets only)
2-1 SOPRASMART ISO HD 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

DUOTACK 365 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