



Evaluation Listing CCMC 13460-L H-Shield, H-Shield F, H-Shield CG, Xci Foil, Xci CG, Xci Class A, Xci Foil (Class A), Xci 286

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1. Evaluation

The products conform to CAN/ULC-S704-11, “Thermal Insulation, Polyurethane and Polyisocyanurate, Boards, Faced.” The products’ classification, design long-term thermal resistance (LTTR) and water vapour permeance (WVP) values are provided in the table below:

Product Name	Classification	Design LTTR (m ² ·°C/W) ⁽¹⁾			WVP at 25.4 mm thickness (ng/(Pa·s·m ²))
		Thickness			
		25 mm	50 mm	75 mm	
H-Shield	Type 3, Class 2	0.98 ⁽²⁾	1.91 ⁽²⁾	2.91 ⁽²⁾	54.9 ⁽²⁾
H-Shield CG and Xci CG	Type 2, Class 2	0.98 ⁽³⁾	1.93 ⁽³⁾	2.96 ⁽³⁾	53.8 ⁽²⁾
H-Shield F and Xci Foil	Type 3, Class 1	1.05 ⁽³⁾	2.02 ⁽³⁾	2.96 ⁽³⁾	0.4 ⁽²⁾
Xci Class A, Xci Foil (Class A) and Xci 286	Type 3, Class 1	1.00 ⁽²⁾	2.04 ⁽²⁾	3.11 ⁽²⁾	0.3 ⁽²⁾

Note to Table:

- (1) Contact the manufacturer for LTTR data on thicknesses not specified in this Listing.
- (2) Values are based on test results for Franklin Park, IL plant.
- (3) Values are based on test results for Tooele, UT plant.

2. Description

The products are rigid-board polyisocyanurate, thermal insulation. The products are faced as follows:

Product	Facing
H-Shield	Rigid board, polyisocyanurate thermal insulation covered with a fibre-reinforced facer on both sides
H-Shield CG and Xci CG	Rigid board, polyisocyanurate thermal insulation covered with coated glass facers on both sides.
H-Shield F and Xci Foil	Rigid board, polyisocyanurate thermal insulation covered with foil facers on both sides.
Xci Class A, Xci Foil (Class A), Xci 286	Rigid board, polyisocyanurate thermal insulation covered with foil facers on both sides.

The products are manufactured in 1 220 mm × 1 220 mm and 1 220 × 2 440 mm panels in thicknesses ranging from 25 mm to 102 mm.

3. Standard and Regulatory Information

See the Annex, appended to this Listing, which summarizes the product standard.

This/these products was/were evaluated to the product standard referenced in the Annex current as of 2017-06-06. Note that the Annex may have been updated since this Listing was issued to include more recent editions of the applicable product standard. Therefore, this Listing may not reflect the requirements contained in any updated version of this product standard.

Listing Holder

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Plant(s)

H-Shield:

Franklin Park, IL, USA
Tooele, UT, USA
Lake City, FL, USA
Montgomery, NY, USA
Puyallup, WA, USA
Terrell, TX, USA
Tooele, UT, USA

H-Shield CG, H-Shield F, Xci CG, and Xci Foil:

Tooele, UT, USA

Xci Class A, Xci Foil (Class A) and Xci 286:

Franklin Park, IL, USA

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