



R&D Services, Inc.
 209 Tennessee Blvd
 Watertown, TN 37184
 (931) 372-8871
 www.rdservices.com

PRODUCT LISTING

RDS-F3200

Issued: January 1, 2026
 Renewal Due: January 1, 2027

- 1.0 **PRODUCT:** SOPRA-XPS Extruded Polystyrene (see section 6.0 for more detail)
- 2.0 **MANUFACTURER:** Soprema Canada, Inc.
- 3.0 **MANUFACTURING LOCATIONS:** 1550 Commerce Way, Woodstock, ON N4V 0C2, Canada
- 4.0 **PRODUCT TYPE:** Rigid, Extruded, Cellular Polystyrene Thermal Insulation

5.0 PRODUCT IS EVALUATED ACCORDING TO THE FOLLOWING STANDARD:

- 5.1 ASTM C578 “Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation”

6.0 IDENTIFICATION AND MARKINGS:

- 6.1 Packaging of the listed product shall contain the manufacturer’s name and address and the product name. The use of the R&D Services, Inc. (RDS) listing logo (containing the listing number) is voluntary but shall be used in accordance with the listing agreement.
- 6.2 The products included under this listing are as follows:

Product Name	Product Classification
SOPRA-XPS 30	ASTM C578 Type IV
SOPRA-XPS 40	ASTM C578 Type VI
SOPRA-XPS 60	ASTM C578 Type VII

7.0 DESCRIPTION OF LISTING PROGRAM:

- 7.1 Each manufacturing location included under this listing shall be evaluated at least once within a three-year period for applicable physical property requirements in accordance with ASTM C578. Product sampling is conducted during each evaluation from available production inventory.
- 7.2 During each inspection, representative product samples are selected for testing as identified in Section 7.3. Sample selection and procurement shall be conducted in accordance with RDS Standard Inspection Procedure SIP-029.
- 7.3 R&D Services, Inc. (RDS) conducts periodic testing to evaluate continued compliance with the applicable requirements of ASTM C578. Testing is scheduled such that a complete set of the applicable evaluations identified in Sections 7.3.1 through 7.3.12 is conducted for each product type manufactured at a given location within a three-year period:
 - 7.3.1 Compressive Strength ASTM D1621
 - 7.3.2 Flexural Strength ASTM C203
 - 7.3.3 Water Vapor Permeance ASTM E96
 - 7.3.4 Density ASTM C303
 - 7.3.5 Dimensional Tolerance ASTM C303
 - 7.3.6 Trueness and Squareness ASTM C550
 - 7.3.7 Dimensional Stability ASTM D2126
 - 7.3.8 Water Absorption ASTM D2842
 - 7.3.9 Water Absorption ASTM C272
 - 7.3.10 Thermal Resistance ASTM C518
 - 7.3.11 Long-Term Thermal Resistance CAN/ULC-S770-15
 - 7.3.12 Oxygen Index ASTM D2863



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8.0 PRODUCT SAMPLING

8.1 Product shall be sampled by an ISO/IEC 17020 accredited inspection body from commercially available production.

9.0 INSTALLATION:

9.1 Product is to be installed in accordance with the manufacturer's published installation instructions.

10.0 EVALUATED PROPERTIES AND RESULTS:

10.1 The evaluated products comply with the applicable requirements shown in Table 1.

Property	Type IV	Type VI	Type VII	Type V
Compressive Strength (min., psi)	25.0	40.0	60.0	100.0
Flexural Strength (min., psi)	50.0	60.0	75.0	100.0
Water Vapor Permeance (max. perm)	≤ 1.5	≤ 1.1	≤ 1.1	≤ 1.1
Density (min., lb/ft ³)	1.45	1.80	2.20	3.00
Dimensional Tolerance				
Width (in/ft)	± 0.06			
Length (in/ft)	± 0.03			
Thickness (in)	± 0.06			
Trueness and Squareness				
Face Trueness (in/ft)	< 0.03			
Edge Trueness (in/ft)	< 0.03			
Board Squareness (in/ft)	< 0.06			
Dimensional Stability (max., % linear change)				
<i>Exposure at -40 °F</i>				
Length	2.0			
Width	2.0			
Dimensional Stability (max., % linear change)				
<i>Exposure at 158 °F & 97% RH</i>				
Length	2.0			
Width	2.0			
Water Absorption (max., % by Volume)	0.3			
Thermal Resistance at 75 °F (min., F·ft ² ·h/Btu)	5.0			
Oxygen Index (min., volume %)	24			

Table 1



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This listing report documents that R&D Services, Inc. (RDS) has performed an evaluation of the product identified herein in accordance with the program requirements described in this document. Based on the evaluation activities described herein, the product has been found eligible for inclusion in the RDS product listing program.

This listing applies only to the products and manufacturing locations specifically identified in this report. R&D Services, Inc. makes no expressed or implied warranty or guarantee regarding the product covered by this listing.

This document is a product listing only and shall not be interpreted as a product certification or endorsement by R&D Services, Inc.