



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

PRODUCT LISTING

RDS-LF9702

Issued: January 1, 2025
Renewal Due: January 1, 2026

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- 1.0 **PRODUCT:** Sopra-Cellulose AB
 - 2.0 **MANUFACTURER:** Soprema
 - 3.0 **MANUFACTURING LOCATIONS:** 1451 Rue Nobel
Sainte-Julie, QC Canada
 - 4.0 **PRODUCT TYPE:** Loose-Fill Cellulose Insulation
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5.0 PRODUCTS ARE EVALUATED ACCORDING TO THE FOLLOWING STANDARD:

- 5.1 CAN/ULC-S703-09 (2015) "Standard for Cellulose Fibre Insulation for Buildings"
- 5.2 ASTM C739-11 "Standard Specification for Cellulosic Fiber Thermal Insulation"
- 5.3 16 CFR Part 1209 "Interim Safety Standard for Cellulose Insulation"

6.0 IDENTIFICATION AND MARKINGS:

- 6.1 Packaging of the listed product may contain the manufacturers name and address and the product name. The use of the R&D Services, Inc. (RDS) listing logo (containing the listing number), and the RDS ISO/IEC accreditations are voluntary but will be used in accordance with the listing agreement.

7.0 DESCRIPTION OF LISTING PROGRAM:

- 7.1 Bi-annual on-site inspections of procedures and product testing are performed by RDS through visits to the facility. During each inspection the following actions are taken:
 - 7.1.1 Samples of cellulose product are selected for testing referenced in 7.2, 7.3, and 7.4.
 - 7.1.2 In-house quality control records are reviewed for frequency and consistency
 - 7.1.3 Quality control test equipment is checked for calibration and functionalityIn addition to bi-annual inspections, the manufacturer submits additional product for testing on a bi-annual basis.
- 7.2 Each quarter, RDS conducts the following tests:
 - 7.2.1 Limiting Design Density (Type 1 Open Spaces) - CAN/ULC S703-09, Section 6.3.3
 - 7.2.2 Design Density – ASTM C739
 - 7.2.3 Critical Radiant Flux – ASTM C739/E970
 - 7.2.4 Open Flammability - CAN/ULC S703-09, Section 6.3.9
 - 7.2.5 Smoulder Resistance - CAN/ULC S703-09, Section 6.3.12
 - 7.2.6 Smoldering Combustion – ASTM C739
 - 7.2.7 pH – ASTM D778
- 7.3 Bi-annually, RDS conducts the following tests:
 - 7.3.1 Thermal Transmission Properties - CAN/ULC S703-09, Section 6.3.13



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- 7.4 Annually, RDS conducts the following tests:
 - 7.4.1 Thermal Resistance – ASTM C739/C518
 - 7.4.2 Corrosiveness – CAN/ULC S703-09, Section 6.3.2 & ASTM C739
 - 7.4.3 Fungi Resistance – CAN/ULC S703-09, Section 6.3.7 & ASTM C739
 - 7.4.4 Water Vapor Sorption – ASTM C739
 - 7.4.5 Moisture Vapour Sorption – CAN/ULC S703-09, Section 6.3.8 & ASTM C739
 - 7.4.6 Open Flammability Permanency - CAN/ULC S703-09, Section 6.3.10
 - 7.4.7 Separation of Chemicals – CAN/ULC S703-09, Section 6.3.11
 - 7.4.8 Odor Emission – ASTM C739

8.0 INSTALLATION:

- 8.1 Product is to be installed in accordance with the manufacturer’s published installation instructions by qualified installing personnel.

9.0 EVALUATED PROPERTIES AND RESULTS:

- 9.1 The table shows the performance requirements of ASTM C739, 16 CFR Part 1209, and CAN/ULC-S703-09 (2015). The evaluated product meets or exceeds the values in the table.
- 9.2 The limiting design density and thermal transmission properties are actual product performance values.

PROPERTY	RESULT
Limiting Design Density lb/ft ³ kg/m ³	1.53 24.5
Open Flammability (W/cm ²)	GREATER THAN 0.12
Open Flammability Permanency (W/cm ²)	GREATER THAN 0.12
Smolder Resistance (max %)	LESS THAN 15
Corrosiveness (all metals)	PASS
Moisture Vapor Sorption (%) US CAN/ULC	LESS THAN 15 LESS THAN 20
Thermal Transmission Properties (°F·ft·h/Btu·in.) (m·K)/W	3.68 25.5
Fungi Resistance	NO GROWTH
Separation of Chemicals (%)	LESS THAN 1.5
Odor Emission	PASS

This listing report indicates that R&D Services, Inc. has evaluated this product as described herein, and it is eligible for listing. No other product is covered by this listing. R&D Services, Inc. makes no warranty, expressed or implied, or guarantee regarding the product covered by this listing.