



R&D Services, Inc.  
 102 Mill Drive  
 Cookeville, TN 38501  
 (931) 372-8871  
 www.rdservices.com

# PRODUCT LISTING

## RDS-F3000

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

- 1.0 **PRODUCT:** Expanded Polystyrene Foam Insulation
- 2.0 **MANUFACTURER:** Fanosa S.A de C.V.
- 3.0 **MANUFACTURING LOCATIONS:** Lotes 7 y 8 Fracción, Calle Sur, 21181 Mexicali, B.C., Mexico
- 4.0 **PRODUCT TYPE:** Expanded Polystyrene Foam Insulation (EPS) – Type I and Type II

### 5.0 PRODUCTS ARE EVALUATED ACCORDING TO THE FOLLOWING STANDARDS:

- 5.1 ASTM C578-15 “Standard Specification for Rigid Cellular Polystyrene Thermal 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 Each quarter, RDS conducts the following tests:
  - 7.1.1 Density - ASTM D1622
  - 7.1.2 Compressive Strength - ASTM D1621
  - 7.1.3 Flexural Strength - ASTM C203
  - 7.1.4 Thermal Resistance – ASTM C518
  - 7.1.5 Small Scale Flammability – Fanosa S.A de C.V. Quality Control Manual - Section 2.3.4.
- 7.2 The quality control manual for the Fanosa S.A de C.V. facility is evaluated along with in-plant inspections by RDS to determine the effectiveness of the quality control system and implementation of the policies and procedures defined in the quality control manual.
- 7.3 Bi-annual on-site inspections of procedures and product testing are performed by RDS through unannounced visits to the facility. During each inspection samples of EPS product are selected for testing referenced in 7.1.
- 7.4 Bi-annual requests for test samples of EPS are made by RDS to the Fanosa S.A de C.V. facility. Samples are requested for testing referenced in 7.1.
- 7.5 The Quality Control system shall be maintained by Fanosa S.A de C.V. and all changes to the quality manual shall be approved by RDS.

### 8.0 INSTALLATION:

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



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**9.0 EVALUATED PROPERTIES AND RESULTS:**

PROPERTY	RESULT (MINIMUM)
<b>Type I – Per ASTM C578</b>	
Density (lb/ft <sup>3</sup> )	0.90
Compressive Strength (lb/in. <sup>2</sup> )	10.0
Flexural Strength (lb/in. <sup>2</sup> )	25.0
Thermal Resistance of 1 inch (°F·ft <sup>2</sup> ·h/Btu)	3.6
<b>Type II – Per ASTM C578</b>	
Density (lb/ft <sup>3</sup> )	1.35
Compressive Strength (lb/in. <sup>2</sup> )	15.0
Flexural Strength (lb/in. <sup>2</sup> )	35.0
Thermal Resistance of 1 inch (°F·ft <sup>2</sup> ·h/Btu)	4.0

*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.*