



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

PRODUCT LISTING

RDS-LF5000

Issued: January 1, 2020
 Renewal Due: January 1, 2021

1.0 PRODUCT:	Jet Stream Ultra	
2.0 MANUFACTURER:	Knauf Insulation, Inc.	
3.0 MANUFACTURING LOCATIONS:	<ul style="list-style-type: none"> ▪ 400 W. Walker St. Shelbyville, IN 46176 	<ul style="list-style-type: none"> ▪ 3100 Ashby Rd. Shasta Lake, CA 96019
	<ul style="list-style-type: none"> ▪ 43rd St. SW Lanett, AL 36863 	<ul style="list-style-type: none"> ▪ 1000 E. North St. Albion, MI 49224
4.0 PRODUCT TYPE:	Loose-Fill Fiberglass Insulation for Attic Application	

5.0 PRODUCTS ARE EVALUATED ACCORDING TO THE FOLLOWING STANDARDS:

5.1 ASTM C764-11 “Standard Specification for Mineral Fiber Loose-Fill Thermal Insulation”

6.0 IDENTIFICATION AND MARKINGS:

6.1 Packaging of the listed product shall contain the manufacturers name and address, the product name, the R&D Services, Inc. (RDS) listing logo (containing the listing number), and the RDS ISO-17020 accreditation identification (AA-712).

7.0 DESCRIPTION OF LISTING PROGRAM:

- 7.1 Bi-monthly on-site product sampling is performed by RDS through unannounced visits to the facility. During each sampling the following actions are taken:
 - 7.1.1 Samples of fiberglass product are selected for testing referenced in 7.2 and 7.3.
- 7.2 Each bi-monthly sample, RDS conducts the following tests:
 - 7.2.1 Thermal Resistance - ASTM C687 and C518
- 7.3 Once per four years per facility, RDS conducts the following tests to comply with ASTM C764:
 - 7.3.1 Critical Radiant Flux – ASTM E970
 - 7.3.2 Noncombustibility – ASTM E136
 - 7.3.3 Water Vapor Sorption – ASTM C1104
 - 7.3.4 Odor Emission – ASTM C1304
 - 7.3.5 Corrosiveness to Copper, Steel and Aluminum – ASTM C764
 - 7.3.6 Fungi Resistance – ASTM C1338

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
PER ASTM C764	
Thermal resistance (R Value)	≥ 95 % OF LABEL
Critical radiant flux (W/cm ²)	≥ 0.12
Non-Combustibility	PASS
Water vapor sorption (Mass %)	≤ 5
Odor Emission	PASS
Corrosiveness (Copper, Steel, Aluminum)	PASS
Fungi resistance	NO GROWTH

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.