

CSI MasterFormat® Filing:

Division 7: Thermal & Moisture Protection

07 21 00 Thermal Insulation

07 21 29 Sprayed Insulation

Division 9: Finishes

09 81 00 Acoustic Insulation

09 81 29 Sprayed Acoustic Insulation

09 83 00 Acoustic Finishes

09 83 16 Acoustic Ceiling Coating



MANUFACTURER INFORMATION:

International Cellulose Corporation

12315 Robin Boulevard | Houston, Texas 77045

(713) 433-6701 or (800) 444-1252 | FAX: (713) 433-2029

1. PRODUCT DESCRIPTION:

Ure-K is a spray-applied **15-minute Thermal Barrier** approved to go over polyurethane foam. At the standard 1.25" thick application, Ure-K contributes an additional R-4.5 to the overall insulation system. Ure-K's monolithic exposed finish also provides acoustic benefits with an NRC of .95. Ure-K has a **Natural Texture** and is available in four standard colors along with custom matched colors.

2. BASIC USE:

Ure-K is used as **15-Minute Thermal Barrier** over exposed applications of polyurethane foam in existing buildings and new construction projects as a combination system to meet mandatory code requirements. Additionally, Ure-K provides acoustical and thermal benefits.

3. MATERIAL COLORS:

Ure-K is available in four standard colors and can also be specified in custom colors.

STANDARD COLORS

Black	Gray	Lt. Gray	White	Custom
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Color selection will affect the final price.

4. SURFACE PREPARATION:

Ure-K adheres to polyurethane foam as 15-Minute Thermal Barrier. Surfaces to receive Ure-K are to be inspected prior to installation to determine if pre-treatment is required.

5. APPLICATION:

Ure-K is installed by an international network of professional contractors licensed by ICC. These contractors are required to install Ure-K using approved equipment, materials, and procedures. Due to the inherent texture of the material and application techniques, the installed material will have thickness variances. Compliance with applicable building codes and project requirements is the responsibility of the user and/or installing contractor.

SUSTAINABLE CREDIT CATEGORIES:

MATERIALS & RESOURCES:

ENVIRONMENTAL PRODUCT DECLARATION (EPD):

Product-specific Type III EPD (ISO 14025)

Program Operator: Consortium | Exp. Date: 10/16/2025

REGIONAL MATERIALS:

Manufacturing Location:

12315 Robin Blvd. | Houston, TX 77045

RECYCLED CONTENT:

Ure-K Fibers = >80% Pre-Consumer

HEALTH PRODUCT DECLARATION (HPD):

HPD Version: 2.3 | Threshold Level: 100 PPM

Exp. Date: 11/22/2025

CRADLE-TO-CRADLE®:

Cradle to Cradle Certified Bronze V3.1

Certification Number: 7267 | Exp. Date: 09/15/2025

INDOOR ENVIRONMENTAL QUALITY:

LOW EMITTING MATERIALS:

UL GREENGUARD Certified

UL GREENGUARD Gold Certified

M1 Classification of Low Emitting Building Materials

California Department of Public Health (CDPH) Compliant

THERMAL COMFORT:

May contribute towards thermal comfort.

Thermal R-Values per ASTM C 518 (pg. 2)

ACOUSTICAL PERFORMANCE:

May contribute towards acoustical performance.

NRC Values per ASTM C 423 (pg. 2)

LIGHT REFLECTANCE:

May contribute towards lighting optimization.

Light Reflectance Values per ASTM D 2244 (pg. 2)

TECHNICAL DATA:

ASTM STANDARDS COMPLIANCE

ASTM C 423	Noise Reduction Coefficients
ASTM C 518	Thermal Conductivity
ASTM D 2244	Light Reflectance
ASTM E 84	Surface Burning Characteristics
ASTM E 119	Fire Test
ASTM E 736	Bond Strength

2015 IBC Section 803.12: Stability

Ure-K was applied at an average thickness of 1.25 inches over open and closed cell foam and met the requirements of the 30-minute stability test set forth in 2015. IBC 803.12 tested at 200°F.

2009 IBC Section 2603.4: Thermal Barrier

Ure-K was tested in accordance with and meets the acceptance criteria of both the Temperature Transmission Fire Test and the Integrity Fire Test of NFPA 275 Part 1 & Part 2. Ure-K is approved to be used as a 15-Minute Thermal Barrier over Polyurethane Foam.

NFPA 275: Part 1 / ASTM E 119 / UBC 26-2:

Test Method for the Evaluation of Thermal Barriers

Ure-K was applied at an average thickness of 1.25 inches.

NFPA 275: Part 2: Walls & Ceiling Finishes / NFPA 286

Ure-K was applied at an average thickness of 1.25 inches over 2 pcf and .5 pcf spray-applied polyurethane foam.

ASTM C 423: Sound Absorption (NRC)

Ure-K Applied over Closed-Cell Polyurethane Foam

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1.25"	.38	.57	1.00	1.07	1.06	1.07	.95

ASTM C 518: Thermal Conductivity

R-Value 3.6 PER INCH

STANDARD APPLICATION	R-VALUE
1.25"	4.5

ASTM D 2244: Light Reflectance

White: 84+	Tan: 46+
Light Gray: 73+	Gray: 45+
Black: 17+	



ASTM E 84: Surface Burning Characteristics

CLASS 1, CLASS A RATED per ASTM E-84, UL-723, NFPA-255, & UBC-42

Flame Spread 5

Smoke Development 5

Ure-K has been rated and approved by Factory Mutual Research Corporation for use in category III.

ASTM E 736: Bond Strength

Bond Strength >100psf

MISCELLANEOUS CODE APPROVALS & SPECIFICATIONS

Underwriters Laboratories – Classified Code Compliance Report UL ER 5499

Factory Mutual Research

Federal Defense Logistics Agency Cage Code: ONJU2

Corps of Engineers Guide Specifications – CE-201.01

Department of the Navy Guide Specifications – NFGS-07218

EPA 40 CFR Part 248

Meets California Bureau of Home Furnishings Standards

Resource Conservation and Recovery Act

Federal Specification – SS-S-111C

Los Angeles – RR-24311

New York – MEA 65-96-M

Florida building code section 2603.4

