



HOLCIM SOLUTIONS AND PRODUCTS US, LLC

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ENVERGE® SUCRASEAL® SPRAY FOAM INSULATION

CSI Section:
07 21 00 Thermal Insulation

1.0 RECOGNITION

Enverge® Sucraseal® Spray Foam Insulation recognized in this report has been evaluated for biobased content. The biobased content is provided from testing with the following standard and as applied to the codes and standards noted in Section 3.3 of this listing:

ASTM D6866 – Standard Test Methods for Determining the Biobased Content of Solid, Liquid, and Gaseous Samples Using Radiocarbon Analysis

2.0 LIMITATIONS

Use of the Enverge® Sucraseal® Spray Foam Insulation recognized in this report is subject to the following limitations:

2.1 The Enverge® Sucraseal® spray foam insulation shall be installed in accordance with the applicable code, the manufacturer’s published installation instructions, and IAPMO UES ER-787. Where there is a conflict, the most restrictive requirements shall govern.

2.2 The insulation recognized in this report is produced by Holcim Solutions and Products US, LLC, in Spring, Texas, and Waukesha, Wisconsin.

3.0 PRODUCT USE

3.1 General: Enverge® Sucraseal® spray foam insulation is for use in c wall cavities, floor assemblies or ceiling assemblies, and/or in attics and crawl spaces as nonstructural thermal insulation material.

3.2 Biobased Content: In accordance with results of testing to ASTM D6866, the biobased content of Enverge® Sucraseal® spray foam insulation was found to be 17 percent.

3.3 Application of Biobased Content:

3.3.1 USDA 7 CFR Part 2902 Requirements: Enverge® Sucraseal® meets the requirements of Section 2902.17(b) of USDA 7 CFR Part 2902 for minimum biobased content of at least 7 percent for plastic insulating foam products for residential and commercial construction.

3.3.2 Application of Biobased Content Results to the 2018 International Green Construction Code (IgCC): Enverge® Sucraseal® meets the requirements of Section 505.2.4, Item 3 of the IgCC for the biobased content meeting the requirements of USDA 7 CFR Part 2902.

3.3.3 Application of Biobased Content Results to the ANSI GBI 01-2019: Enverge® Sucraseal® qualifies for Section 10.4 of ANSI GBI 101 for use of biobased content from testing of ASTM D6866 in determining Product Material Sustainable Attribute.

3.3.4 Application of Biobased Content Results to the ASHRAE Standard 189.1-2020: Enverge® Sucraseal® meets the requirements of Section 9.4.1.3 (a) of ASHRAE 189.1 for minimum biobased contents of the USDA’s Biopreferred program.

3.3.5 Application of Biobased Content Results to the National Green Building Standard, ICC-700-2020: Enverge® Sucraseal® qualifies as a biobased material for use in determining points from Section 606.1, Items 1, 2, and 3 of the IgCC based on the requirements for biobased materials in USDA 7 CFR Part 2902.

4.0 PRODUCT DESCRIPTION

Enverge® Sucraseal® spray foam insulation is an open cell, spray-applied polyurethane foam plastic insulation. The insulation has a nominal in-place density of 0.5 pcf (8 kg/m³). The two-component spray foam plastic is produced in the field by combining a polymeric isocyanate (A component) and a polymeric resin (B component). The polymeric resin shall be stored in 55-gallon (208 L) drums at temperatures between 50°F and 80°F (10°C and 27°C). When Component B is stored in factory-sealed containers at the recommended temperatures, the maximum shelf life is six months.

5.0 IDENTIFICATION

Enverge® Sucraseal® Spray Foam Insulation is identified by the Holcim Solutions and Products US, LLC name and trademark, product name and evaluation report number (ER-787), and the evaluation listing number (UEL-5050).





LISTING REPORT

Number: UEL-5050

Originally Issued: 06/14/2021

Revised: 06/11/2024

Valid Through: 06/30/2025

The IAPMO Uniform Evaluation Service Mark of Conformity may also be used as shown below:



IAPMO UES UEL-5050

6.0 SUBSTANTIATING DATA

Report of biobased content analysis in accordance with ASTM D6866. Test report is from a laboratory in conformance with ISO/IEC 17025.

7.0 STATEMENT OF RECOGNITION

This listing report describes the results of research completed by IAPMO Uniform Evaluation Service on Holcim Solution and Products US, LLC's Enverge® Sucraseal® to assess conformance to standards shown in Section 1.0 of this report and serves as documentation of the product certification. Products are manufactured at locations noted in Section 2.2 of this report under a quality control program with periodic inspection under the supervision of IAPMO UES.

For additional information about this evaluation report please visit www.uniform-es.org or email us at info@uniform-es.org