



ICC-ES Listing Report ESL-1583

Issued June 2024

This listing is subject to renewal June 2025.

CSI: DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 81 23—Intumescent Fireproofing
DIVISION: 09 00 00—FINISHES
Section: 09 96 43—Fire-Retardant Coatings

Product Certification System:

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

Product: MYTHRIL MESH™

Listee: B5 INDUSTRIES

Evaluation: Mythril Mesh™ is a galvanized steel wire mesh covered with a factory-applied intumescent coating. The product was evaluated when tested at a nominal thickness of $\frac{1}{8}$ inch (3.2 mm) to the following standard:

- CAN/ULC-S102 (-18 and -10), Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies, Underwriters Laboratories of Canada

Findings: Mythril Mesh™ has a flame-spread rating of 0 and a smoke-developed classification of 45, when tested in accordance with CAN/ULC-S102, as referenced in the applicable section of the following code editions:

- *National Building Code of Canada*® 2020 and 2015
Applicable Section: Volume 1, Division B, Section 3.1.12.

Identification:

1. The ICC-ES mark of conformity, electronic labeling, or the listing report number (ICC-ES ESL-1583), and when applicable, the ICC-ES listing mark, along with the name, registered trademark, or registered logo of the listee must be included in the product label.
2. Each roll of Mythril Mesh™ has a label bearing the manufacturer's name (B5 Industries) and product name.
3. The report holder's contact information is the following:

B5 INDUSTRIES
27717 ACHESON ROAD
ACHESON, ALBERTA, CANADA T7X 6B1
(780) 962-1000
www.b5industries.com

Installation: The product must be installed in accordance with the B5 Industries published installation instructions and applicable codes.

Conditions of listing:

1. The listing report addresses only conformance with the standards and code sections noted above.
2. Approval of the product's use is the sole responsibility of the local code official.
3. The listing report applies only to the material tested and as submitted for review by ICC-ES.
4. Mythril Mesh™ is manufactured in under a quality control program with inspections by ICC-ES.