Mineral and Fiber Boards

FIBERGLASS COLOMBIA S A R18971
CALLE TRES 3-49 ESTE
MOSQUERA
CUNDINAMARCA, COLOMBIA
Glass fiber boards with and without facings.

The following products are eligible to bear a Laboratories' Classification Marking incorporating the designation "FHC 25/50" instead of individual Surface Burning characteristics values for flame spread and smoke developed:

Unfaced Boards

Foil-Scrim-Kraft Boards

Mat Faced Boards

Marking: Tradename &/or Trademark

GENERAL

This category covers mineral and fiber boards consisting of proprietary mixes of organic and/or inorganic fibers and binders formed into various sizes and thicknesses and supplied with or without surface coatings or facings. The boards are certified as to surface-burning characteristics as indicated in the individual certifications.

Some mineral and fiber boards are provided with facings that may affect the contribution of combustibles under fire conditions. This effect is determined by testing the sample with a longitudinal butt joint, constructed by slitting the facings or by using a factory or field joint (if applicable).

If the mineral and fiber board is treated, the treatment may be with water-soluble salts which may be affected by repeated exposure to water or conditions that may result in condensation of water.

In some cases, products are certified under the designation "FHC 25/50." This denotes that these products have flame-spread values of 25 or less and smoke-developed values of 50 or less.

The insulating, acoustical, structural, toxicity of the products of combustion and other properties have not been investigated.

The certifications are confined to the materials themselves and do not pertain to the structures in which the materials may be installed.

Authorities Having Jurisdiction should be consulted before installation.

PRODUCT IDENTITY

The following product identity appears on the product:

Mineral and Fiber Board

RELATED PRODUCTS

For the fire-resistance rating of these products, see Mineral and Fiber Boards (CERZ).

ADDITIONAL INFORMATION

For additional information, see Surface-burning Characteristics (BIKT) and Building Materials (AABM).

REQUIREMENTS

The basic standard used to investigate products in this category is UL 723, "Test for Surface Burning Characteristics of Building Materials."

In addition to the surface-burning characteristics, where indicated in the individual certifications, unfaced mineral and fiber boards have also been certified to ANSI/ASTM E136, "Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750 °C."

UL MARK

The Certification Mark of UL Solutions on the product or on the smallest unit container in which the product is packaged is the only method provided to identify products manufactured under its Certification and Follow-Up Service. The Certification Mark for these products includes the UL symbol, the words "CERTIFIED" and "SAFETY," the geographic identifier(s), and a file number.

Additional Certification Markings

Products covered under this category are additionally marked with the following information:

AS TO SURFACE-BURNING CHARACTERISTICS

+

+ Flame-spread and smoke-developed values or the designation "FHC 25/50" applicable to the product

or

For unfaced mineral and fiber board only:

AS TO SURFACE-BURNING CHARACTERISTICS

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++ Flame-spread and smoke-developed values or the designation "FHC 25/50" applicable to the product and the statement: **ALSO CERTIFIED TO ASTM E136 STANDARD TEST METHOD**

FOR BEHAVIOR OF MATERIALS IN A VERTICAL TUBE FURNACE AT 750°C

Alternate UL Mark

The Classification Mark of UL Solutions on the product or smallest unit package is the only method provided to identify products manufactured under its Classification and Follow-Up Service. The Classification Mark for these products includes the UL symbol, the word "CLASSIFIED" above the UL symbol, and the following additional information:

MINERAL AND FIBER BOARDS
SURFACE BURNING CHARACTERISTICS
+
Control No.

+ Flame spread and smoke developed values or the designation "FHC 25/50" applicable to the product

or
(unfaced mineral and fiber boards only)
MINERAL AND FIBER BOARDS
SURFACE BURNING CHARACTERISTICS
++
Control No.

++ Flame spread and smoke developed values or the designation "FHC 25/50" applicable to the product and the following statement: **ALSO CLASSIFIED IN ACCORDANCE WITH ASTM E136 STANDARD TEST METHOD FOR BEHAVIOR OF MATERIALS IN A VERTICAL TUBE FURNACE AT 750°C**

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