

# nVent ERIFLEX Flexbus Foam Barrier FBS



## CERTIFICATIONS



## FEATURES

Easy access for difficult-to-reach openings

Age, smoke and damp resistant

Re-enterable and repairable

Excellent adhesion

No backing material required

F-rating / E-rating up to 2 hours

T-rating / I-rating up to 2 hours

Expands up to 5 times of its volume

## SPECIFICATIONS

|                                  |             |
|----------------------------------|-------------|
| <b>Installation Temperature:</b> | 15 to 30 °C |
| <b>Volume:</b>                   | 380ml       |
| <b>Color:</b>                    | Red;Brown   |
| <b>Width:</b>                    | 450 mm Max  |
| <b>Height:</b>                   | 500 mm Max  |
| <b>Approx. Cure Time:</b>        | 90 s Min    |

Table 1/2

| Catalog Number  | Article Number | Complies With                            | Density       | Flammability Rating | Sound Transmission Class | Volume Yield |
|-----------------|----------------|------------------------------------------|---------------|---------------------|--------------------------|--------------|
| FLEXFOAMBARRIER | 508150         | EN 13501-1, EN 1366-3                    | 215 kg/m³ Min | DIN 4102 (B2)       | 43.5 - 66 dB(A)          | 2.1 l Max    |
| FLEXFOAMBARUL   | 508153         | ASTM E 84 (UL 723), ASTM E 814 (UL 1479) |               |                     |                          | 1.9 l Max    |

Table 2/2

| Catalog Number  | Article Number | Unit Weight | Certifications                                   |
|-----------------|----------------|-------------|--------------------------------------------------|
| FLEXFOAMBARRIER | 508150         | 0.72 kg     | CE, RoHS, FBS-EN, ESTI ERIFLEX Flexbus           |
| FLEXFOAMBARUL   | 508153         | 0.72 kg     | cULus Classified, ESTI ERIFLEX Flexbus, CE, RoHS |

## ADDITIONAL PRODUCT DETAILS

The thickness of the penetration seal has to be minimum 200mm, depending on the fire resistance classification (see Annex J-1 of the ETA) in order to obtain EI120 fire-resistance.

If 200mm is not possible, the FIB (intumescent wrap) needs to be used around the Flexbus Conductors and with 150mm width on both sides in order to reach EI120 fire resistance.

The width and height is referring to the maximum opening size of the penetration seal.

The total cross section of the installation (including insulation and conductor) must not be more than 60% of the opening size of the penetration seal.

The first support for the Flexbus Conductor has to be at a maximum 200mm measured from the surface of the penetration seal.

The Flexbus Foam Barrier FBS has to be used with the FFBD Foam Dispenser.

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

#### North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical

Support

#### Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

#### Europe

Germany:

800 1890272

Other Countries:

+31 13 5835404

#### APAC

Shanghai:

+ 86 21 2412 1618/19

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