

Product: Fire rated foam PENOSIL Premium Fire Rated Gunfoam B1.

Fire rated foam PENOSIL Premium Fire Rated Foam B1.

Details of the product description are presented in Krimelte OÜ technical specification TK-V01 ver5.

Product classification

Fire rated foam PENOSIL Premium Fire Rated Gunfoam B1 and fire rated foam PENOSIL Premium Fire Rated Foam B1 is classified according to EN 13501-2:2016 depending on the linear joint dimensions and joint seal position in a joint as follows:

(EI 30 - EI 240) – V – X – F – W 00 to 60

Joint depth	Fire resistance classification
100 mm	EI 30 – V – X – F– W 00 to 40
100 mm	EI 45 – V – X – F– W 00 to 20
100 mm	EI 60 – V – X – F– W 00 to 10
100 mm	E 90 – V – X – F– W 00 to 40
200 mm	EI 90 – V – X – F– W 00 to 60
200 mm	E 120 – V – X – F– W 00 to 60
200 mm	EI 120 – V – X – F– W 00 to 30
200 mm	EI 180 – V – X – F– W 00 to 20
200 mm	E 180 – V – X – F– W 00 to 40
200 mm	EI 240 – V – X – F– W 00 to 10
200 mm	E 240 – V – X – F– W 00 to 30

Field of application

This classification is valid for the following end use applications:

1. Autoclaved aerated concrete, concrete, block work and masonry separating elements with $\geq 100\text{mm}$ width and $\geq 650\text{ kg/m}^3$ density is permitted.
2. Vertical linear joint in a vertical wall is permitted. Linear joints shall be filled throughout. Joint seal shall be fitted flush with the surface of supporting construction and protected with steel sheet, thickness at least 0,5 mm.
3. The decrease of joint is permitted.
4. Movement capability $\pm 7,5\%$ is permitted.

Marking of the product

The packaged product must have a fixed and readable label consisting of at least the following information:

- manufacturer (address, if relevant);
- product type and/or name;
- serial number or unique identification code of the product (includes reference to the number of year);
- performance (Fire resistance class);
- number of certificate;
- certification brand/ logo or text „Kiwa certified “settled on the upper part of marking

Dimensions of marking (W x H, mm): 25-40 x 55-70 mm.

Marking must be placed on the packaging.