

FIRE BARRIER APPLICATION

Expansion joint profiles are not fire rated by themselves. Hence, if fire resistivity is inquired in the project, profiles must be applied in conjunction. Proper fire barrier shall be selected by considering the demanded features such as; width of joint, fire resistance period inquired, movement ability needed and some other factors as per project's specifications.

Asteknik offers rope, mattress and blanket types barriers which are fire rated from 2 to 4 hours and can be applied from 10 to 560 mm widths. All fire barriers are tested and certificated. To protect the barriers against water and moisture risk, it is highly recommended to apply waterproof EPDM membrane above the barriers. For a smoke-proof application, fire barrier shall be covered by a smoke barrier.



ROPE TYPE FIRE BARRIER

Rope type fire barrier can be applied from 10 to 300 mm gap. The product is produced from highly dense rock wool, wrapped around glass fiber strands to achieve better fire resistance. They are flexible enough to enable easy installation in less accessible parts of constructions.



MATTRESS TYPE FIRE BARRIER

Mattress type fire barrier can be applied from 40 to 450 mm gap. It can supply +%50 expansion movement during seismic activity.

Product Code	Joint Width(mm)
M-100-EI 120	100
M-150-EI 120	150
M-200-EI 120	200
M-250-EI 120	250
M-300-EI 120	300



BLANKET TYPE FIRE BARRIER

Blanket type fire barrier can be applied from 150 to 840 mm gap. It can supply +%50 expansion movement during seismic activity.

Product Code	Joint Width(mm)
N-150-EI 120/180	150
N-200-EI 180	200
N-400-EI 60/120	400
N-560-EI 240	560