

A single component filler foam with effective fire resistance

Products

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BUILDING MATERIALS

- Concrete
- Masonry
- Steel as backing material
- Timber as backing material

ASSESSMENT/APPROVAL

BS EN13501-2

BS EN1366-4: 2006

BS EN ISO 10140



ADVANTAGES

- High foam yield
- No post shrinkage
- CFC free propellant
- Effective seal against smoke
- Rendered, cut, painted or sanded
- High bond strength
- Good adhesion to most building materials
- Excellent acoustic and thermal properties

APPLICATIONS

- Construction joints in walls and floors
- Insulating and sealing doors and windows: non-fire rated application
- Backfilling material only for service penetrations
- Filling general voids and cavities: non-fire rated application

FUNCTIONING

- FireStop Foam is a single component, self expanding polyurethane foam, which has been designed to be self curing via the absorption of moisture from the atmosphere.
- The foam has excellent adhesion properties and can adhere to most building materials. When the foam sets it cures to a semi-rigid structure, which accommodates low movement and vibration.



INSTALLATION

1. Clean all contact surfaces so they are free from loose debris and contaminants such as oil, dirt, grease, wax, old sealant etc.
2. Dampen the substrate surfaces with clean water before application to improve adhesion and curing rate.
3. Protect adjacent surfaces with paper or a plastic film.
4. Shake the canister vigorously at least 20 times before use, and again periodically during application.
5. Remove the cap and screw the nozzle firmly into the connector on the top of the valve.
6. Gently pull the trigger to dispense foam, whilst holding the canister inverted.
7. Fill approximately half of the required depth of the cavity to allow for expansion of the foam. Should gaps be more than 30 mm then, apply the foam in beads and pre-moisten between layers.
8. On horizontal surfaces always work away from the bead and work upwards on all vertical surfaces.
9. Please note that cured foam is adversely affected by UV light and should be protected with a suitable paint or sealant.

SPECIFICATIONS

Item	Art.-No.	Contents [ml]	Sales unit [pcs]
FireStop Foam Hand	042757	750	12
FireStop Foam Gun	043712	750	12

TECHNICAL DATA

Base	Polyurethane
Consistency	Stable foam
Curing system	Moisture-cure
Yield	35 - 42
Specific gravity	Ca. 27 kg/m ³ extruded, fully cured
Skinning formation (23 °C/50 % R.H.)	10 min
Drying time (23 °C/50 % R.H.)	Non tacky after approx. 8 min
Shrinkage	None
Post expansion (%)	90-120
Cellular structure	70 % closed cells, fine cellular structure
Heat conductivity coefficient (λ) [W/m ² *K]	-0.036
Colour	Light red
Packaging	750 ml
Storage temperature	+5 °C to +30 °C
Shelf life	Up to 12 months when stored in unopened cartridges under cool, dry conditions
STC rating	62 dB
Flammability class DIN 4102	B1
Flammability class (EN 13501-1+A1:2010) test method EN ISO 11925-2, EN 13823	Bs1d0