JOINT FOAM FIRE-RESISTANT PLUS

CF 5585
Valid to May 2025

Technical Data	
Volume	40-45L (free foamed)
Specific gravity	22 - 26 kg/m³
Application temperature	min. +5°C (surface), to 45°C
	20 - 25°C (can)
Tack free time: 18°C/60% RH	5 - 10 in
Cutting time: ø=3 cm, 18°C/60% RH	1.5 - 5 hours, depending on temp. and humidity
Temperature resistance	-40°C to +90°C
Dimensional stability	max. -1%
Water absorption: DIN 53428	max. 1 vol. %
Compression strength: DIN 53421	0,04 - 0,05 Pa
Tensile strength: DIN 53455	0,07 - 0,08 Pa
Elongation at break: DIN 53455	15 - 20%
Thermal conductivity: DIN 52612	0,029 W/(m K) at 20°C
Flammability class: DIN 4102, part1 BS 476, part 20	B1
VOC	*VOC in Aerosol Can 170.7g/l *Non detected in freshly applied foam < 0.1 g/l
Color	Pink
TVOC , Emissions	Class A+ , AgBB-scheme Compliant

Art.No. 0893 303402
Contents: 750ml P.Qty: 1/12

WARRINGTON fire certified for firestopping at linear joints.
Tested and certified against concrete, mortar, masonry, steel, aluminum, soft wood and hard wood substrates.
Sound insulation 61db rw bothsides ≥50mm & ≤30mm width

Properties

Joint Foam Fire Resistance plus – fire resistance Hand held foam, has good heat, sound insulation and out- standing adhesion on most of building materials such as Wood, Concrete, Metal , Aluminum, Bricks, UPVC but not polyethylene, silicon and Teflon.

Features

- High yield, approximately 40L.
- High thermal and acoustic insulation.
- Cellular structure: closed cells.
- High extrusion ability
- Building material class B1 (DIN 4102).
- Resistance up to 4 hours according to EN13501and BS 476 part 20.
- Resists against ageing, temperature, many chem- ical agents, does not resist against UV-radiation.
- HCFC and CFC
- Acoustics feature , tested ISO 140-3 (1997) - ISO 717-1

Main uses

Fire, thermal and acoustical insulation, filling of cavi- ties and sealing of building joints, hardly flammable if applied on solid and mineral based materials, or bet- ween metallic materials, fixing and mounting of (fire-pro- of doors and windows ,safes,...) or wherever a great fire resistance is needed.

Storage

- Use before end of written expiry date on aerosol can, store in cool and dry conditions, can must be vertical position.
- Shelflife is 12 month if stored between 10°C - 20°C, higher storage temperature shorten the product shelf life.

Processing

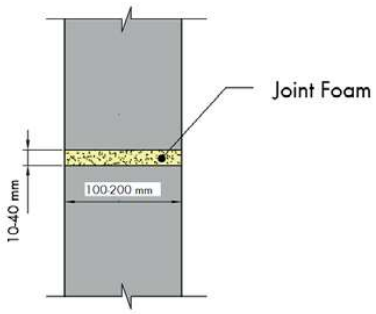
The surface must be clean, dry, stable and free of dust. Any possible residue from, for example, oil, grease, rust should be removed. Dry and porous surfaces should be moi- stened with water. The op- timal application and can temperature is 25°C, higher temperatures could make foam dispens- ing difficult to control due to the pressurized can. Mount the application nozzle then shake the can well for approximately 20 times, position the can in vertical upside down position, press the valve to start releasing the foam, since the foam is going to expand 2 -3 times, it Is preferable to fill the gap partially, in case you have big gaps "more than 50 mm" it is advisable to apply the foam in lay- ers. Apply the second layer after the curing of first one. Since the foam is moisture curing , it is recom- mended to spray or moisturise the fresh foam with water to speed up the curing time and increase the hardness. Cured foam can be cut and shaped by a sharp knife only. Fresh and non-cured foam can be cleaned and removed with Würth PU foam cleaner Art 0892 160

CURED FOAM MUST BE PROTECTED AGAINST UV.

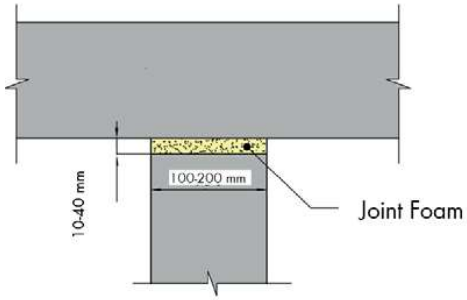
A.1 Blockwork/Masonry/Concrete (aerated or normal) Wall installations

A.1.1 Linear Joints Seals

Sealing against substrates of concrete, masonry, steel, aluminum, plywood, soft wood. Gaps ranging from 10mm to 40 mm with horizontal and vertical applications along wall and top of wall.



Sectional view in wall. Vertical and Horizontal



Top of Wall – Horizontal Application

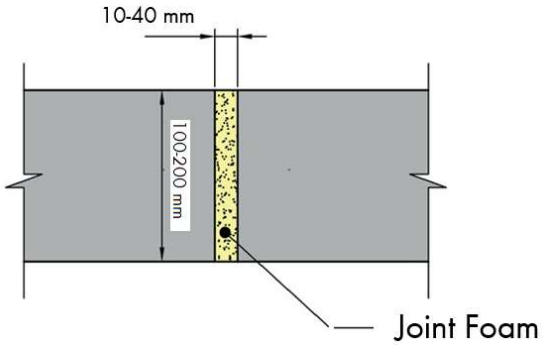
A.1.1.1

Substrate	Joint Width (Max)	Foam Depth (min)	Wall thickness	Integrity (mins)	Insulation (mins)
Concrete-Concrete	10	100	100	90	90
Steel – Aluminum	10	100	100	30	30
Plywood – Softwood	10	100	100	90	90
Concrete-Concrete	40	200	200	90	90
Steel – Aluminum	40	200	200	30	30
Plywood – Softwood	40	200	200	120	120

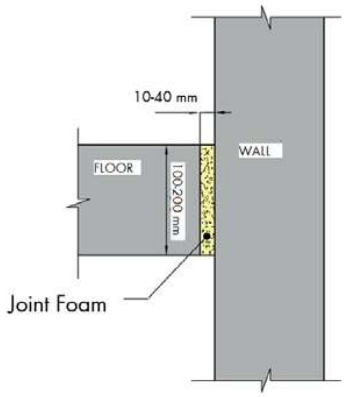
A.2 Concrete (aerated or normal) Floor installations

A.2.1 Linear Joint Seals

Sealing against substrates of concrete, masonry, steel, aluminum, plywood, soft wood. Gaps ranging from 10mm to 40 mm.



Sectional view in floor.



Sectional view in floor.

A.1.2.1

Substrate	Joint Width (Max)	Foam Depth (min)	Slab thickness	Integrity (mins)	Insulation (mins)
Concrete-Concrete	10	100	100	90	90
Steel – Aluminum	10	100	100	30	30
Plywood – Softwood	10	100	100	90	90
Concrete-Concrete	40	200	200	90	90
Steel – Aluminum	40	200	200	30	30
Plywood – Softwood	40	200	200	120	120