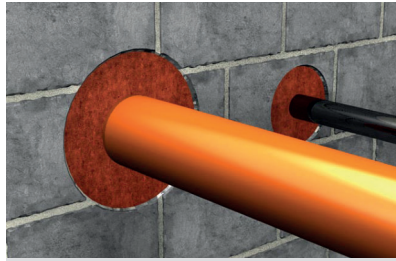
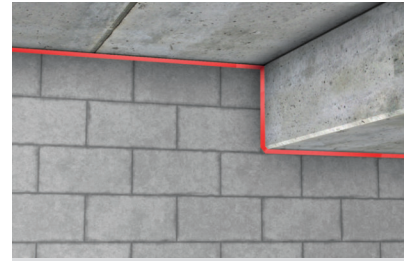


General purpose fire resistant sealant designed for UL specific applications

2
Products



Non combustible services



Top of wall construction joint

BUILDING MATERIALS

- Flexible wall constructions
- Rigid floor and wall constructions
- Masonry
- Concrete
- Steel

ASSESSMENT/APPROVAL



American Standard

ASTM E 814
(UL 1479)

ASTM E 84
(UL 723)

ASTM E 1966
(UL 2079)

ADVANTAGES

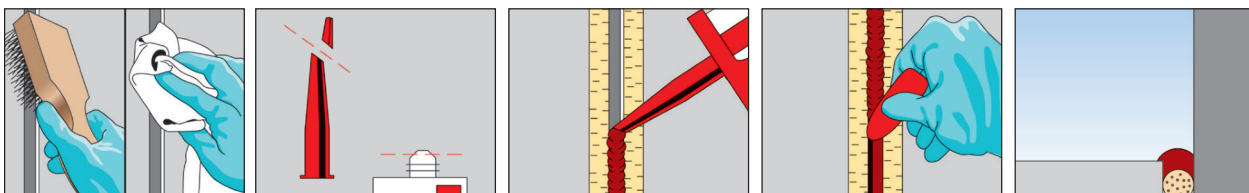
- Water based
- Excellent acoustic properties
- Low VOC
- Halogen and solvent free
- Various applications with two products only
- Age resistant
- Smoke resistant
- Excellent adhesion
- F-rating up to 3 hrs
- T-rating up to 3 hrs

APPLICATIONS

- Linear joints: flexible and rigid construction elements with dynamic movement
- Metallic pipes
- Insulated metallic pipes
- Conduits
- Cable and cable bunches
- Cable trays

FUNCTIONING

- The FiAM US is a one-part water based fire resistant sealant designed for a wide range of UL listed applications.
- The FiAM US can be used in construction joint and service penetration applications.
- The FiAM US can be used in both vertical and horizontal orientation and can be used in conjunction with the FiWS for a wide range of combustible services.



INSTALLATION

1. Clean all surfaces free from loose debris and contaminants and install required backing material.
2. Apply FiAM US to required parameters as per approved system, making sure that it is in contact with all surfaces to provide maximum adhesion.
3. Tool sealant to a defect-free finish using a wetted towel or putty knife.

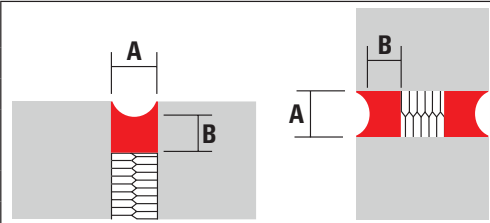
SPECIFICATIONS

Item	Art.-No.	Languages on the cartridge	Contents [ml]	Suitable for use with	Sales unit [pcs]
FiAM US	546487	DE, EN, ES, TR	310	–	12
KP M2	053117	–	–	FiAM 310, FFRS 310, UFS 310, FiGM 310	1

TECHNICAL DATA

Chemical base	Water-based elastomeric
Density	12.5 +6/ 0.5 lbs. & gal.
Application temperature	4 °C - 49 °C
Skin-forming time	Approx. 20 - 30 min.
Curing rate	3 to 4 weeks at 25 °C
Storage temperature	2 °C - 49 °C
Movement capability	Up to 33%
Shelf-life	Up to 36 months (under recommended conditions)
pH Value	7-8
Sound transission class (dB) Tested in a UL 411 wall assembly to ASTM E90	65 dB (STC)
Surface burning characteristics ASTM E84 UL 723 Tunnel Test	Flame spread: 10 Smoke: 10
Colour	Red

APPLICATION DATA

	Joint width A [mm]	Joint depth B [mm]	Linear metres per cartridge
	30	20	0.5
	20	15	1
	15	8	2.6
	10	10	3
	6	10	5.1