

Universal FireStopping Sealant UFS 310

Universal firestopping sealant which is suitable for metallic, non-metallic services and construction joints

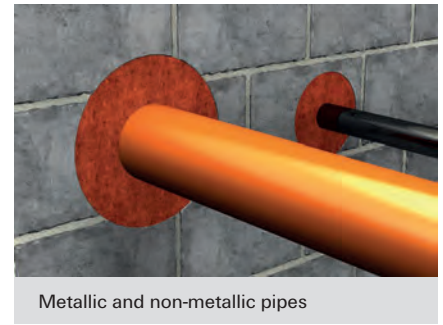


ADVANTAGES

- Water based
- Flexible set
- Contains mould growth inhibitor
- Freeze - thaw capabilities
- Paintable
- Accelerated age and humidity tested
- Low VOC
- Excellent acoustic properties



Electrical applications



Metallic and non-metallic pipes

BUILDING MATERIALS

- Wall constructions - linear joints
- Floor constructions - linear joints
- Flexible wall
- Masonry
- Concrete

ASSESSMENT/APPROVAL



American Standard

ASTM E 814
(UL 1479)

ASTM E 84
(UL 723)

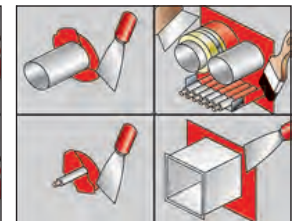
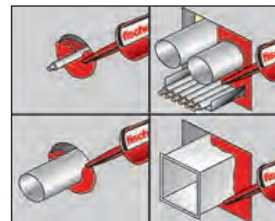
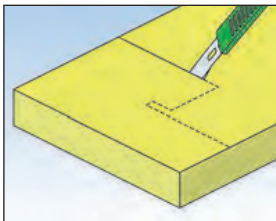
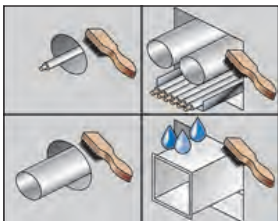
ASTM E 1966
(UL 2079)

APPLICATIONS

- Metallic services: steel and cast iron 20" (500 mm) - copper 6" (150 mm)
- Non metallic service: PVC 2" (51 mm open) 3" (75 mm closed)
- Insulated service: 20" (500 mm)
- Construction joints: 4" (100 mm)
- HVAC 100" (2500 mm)
- Cable bunches 4" (100 mm): busway 27" (686)

FUNCTIONING

- UFS 310 is a one-part water-based intumescent sealant which is used for sealing construction joints and service penetration in both vertical and horizontal applications.
- Up to 4 hours of fire rating can be provided.
- It exhibits excellent slump characteristics, is easy to apply and cures to a flexible set. It is suitable for internal applications and conditions where dynamic movement may occur.
- UFS 310 can be used for most application properties.



INNER ENGINEERING PRODUCTS & SYSTEMS PVT LTD



MAHARASHTRA



GOA



GUJARAT



MADHYA PRADESH



CHHATTISGARH

SPECIALISED CHANNEL PARTNER FOR WEST REGION

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. Install the required backing material as per the detailed instruction or approved system under compression.
3. Apply UFS 310 to required parameters as per detailed instruction or approved system, making sure that it is in contact with all surfaces to provide maximum adhesion.
4. Tool sealant to a defect-free finish using a wetted towel or putty knife.

SPECIFICATIONS

Item	Art.-No.	Languages on the cartridge	Contents [ml]	Contents [l]	Suitable for use with	Sales unit [pcs]
UFS 310	516538	DE, FR, EN, NL	310	—	—	12
UFS 310	538137	DK, FI, SE, NO	310	—	—	12
UFS 310	538135	TR, PT, ES, IT	310	—	—	12
UFS 310	538136	PL, SK, CZ, HU	310	—	—	12
UFS 19 liter bucket	533889	—	—	19	—	1
KP M2	053117	—	—	—	FiAM 310, FFRS 310, UFS 310, FiGM 310	1

TECHNICAL DATA

Chemical base	Water-based elastomeric
Density	Approx. 1.31 g/cm ³
Application temperature	+5 °C to +40 °C
Skin-forming time	Approx. 20 - 30 min.
Curing rate	Approx. 4 mm in 72 hours*
Storage temperature	+2 °C to +49 °C
Movement capability	Up to 50 %**
Intumescent activation	From 190 °C to 593 °C
Shelf life	Up to 36 months (under recommended conditions)
pH Value	6.5 to 7
Sound transmission class (dB) Tested in a UL 411 wall assembly to ASTM E90	62 dB
Surface burning characteristics ASTM E 84 UL 723 Tunnel Test	Flame spread: 0 Smoke index: 0
Colour	Red

* Curing rate is dependant on substrate, air humidity and weather conditions.

** Movement capability depends on UL listed system and configuration.

APPLICATION DATA

Services		Fire ratings (minutes)	
Types	Sizes	Integrated rating	Insulation rating
PVC/CPVC closed pipe systems	3" (75 mm)	120	120
PVC/CPVC open pipe systems	2" (50 mm)	120	120
Steel and cast iron pipes	20" (508 mm)	180	0
Copper pipes	6" (152 mm)	180	0
Insulated services	20" (508 mm)	120	120
Construction joints	4" (100 mm)	120	120
HVAC	100" (2,500 mm)	120	120
Cable bunches	4" (100 mm)	120	120
Cable tray/ladder	24" (600 mm)	120	45
Bus bar	27" (686 mm)	120	45

fischer Building Materials India Pvt. Ltd.,
Level IV and Level V, Unit No. 401 and 501,
Prestige Garnet, Ulsoor Road, Bangalore,
Karnataka, India - 560042.
Phone - 080-4151 1991/92/93
Toll Free No. : 1800 121 7188
www.fischer.in | info@fischer.in



INNER ENGINEERING PRODUCTS & SYSTEMS PVT LTD

Registered Office (Ahmedabad)

Ground Floor, Showroom No. 3, Brooklyn Tower, Next to YMCA Club, S.G Highway, Ahmedabad - 380015, Gujarat, India.

Branch Offices (Pune - Vadodara)

Office No 501, Fifth Floor, Archway, Plot No 5, Sopan Baug Society, Survey No 2/1, Balewadi, Pune- 421045, Maharashtra, India.

713/A, Atlantis Heights, Opp. Swagat Petrol Pump, Nr. Genda Circle, Vadodara - 390021, Gujarat, India.