



Duct sealing system FiloSeal+HD FIRE is our new highly certified fire, gas and water sealing system for both ducts and transit frames

Up to 4 hours fire resistance in transit frames (single side)  
Up to 4 hours fire resistance in ducts  
Tested to BS EN1366-3 2009  
Up to 2 bar Pressure Resistance  
100Kg pulling Force on the cables when sealed  
10xd at 45°, with 1 bar pressure bending test

## Features

- Fire resistant (BS EN1366-3 2009)
- Flexible, one component fire resistant adhesive and sealing compound in a cartridge - (310ml)
- High levels of Gas and Water tightness
- Excellent adhesion
- Resistant against Water, Alkaline, Chemical agents
- Resistant to termites (Mastotermes Darwiniensis) Northern Australian termites
- Resistant to Rats
- Resistant to Hydrogen Sulphide / Methane and many other Gases (NedLab)
- Non corrosive
- Solvent free
- Shock absorbing
- Non toxic, neutral and almost odourless
- Also suitable for limiting the EX-zones during transitions (observe chemical resistance)
- Suitable for any shaped duct / bore hole / opening
- Quick and easy installation
- A complete kit
- Seals all know materials, PVC & PE sheathed cables, PILC
- Suitable for renovations, can be installed retrospectively
- Over 25 years of operational experience

## Specifications

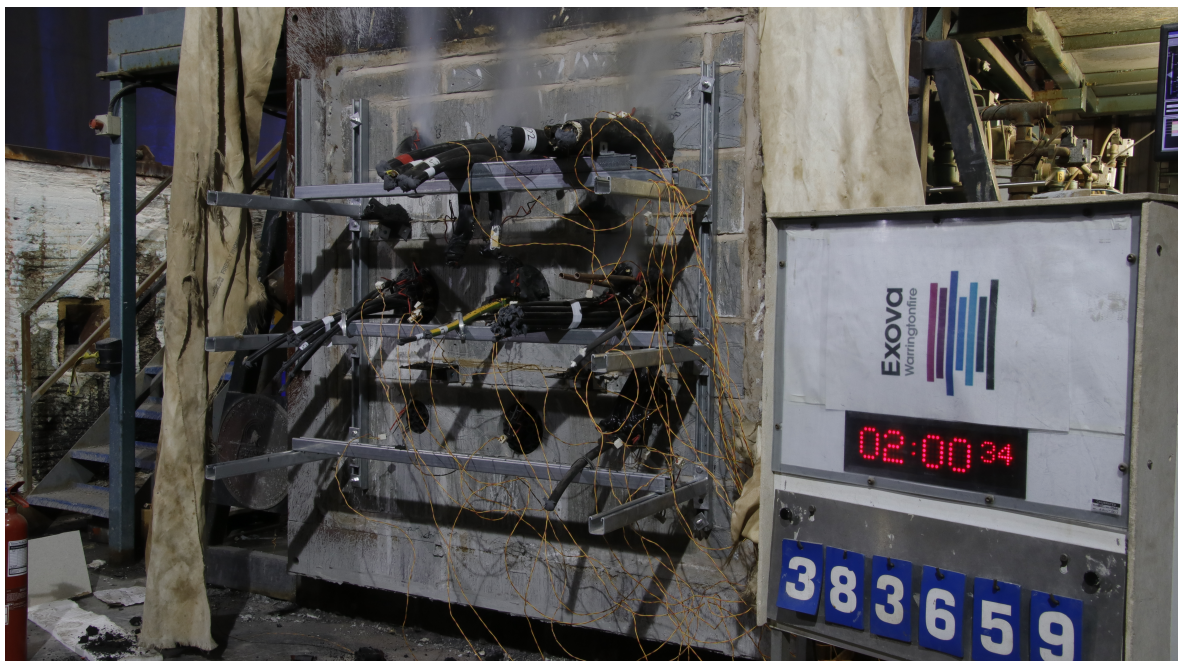
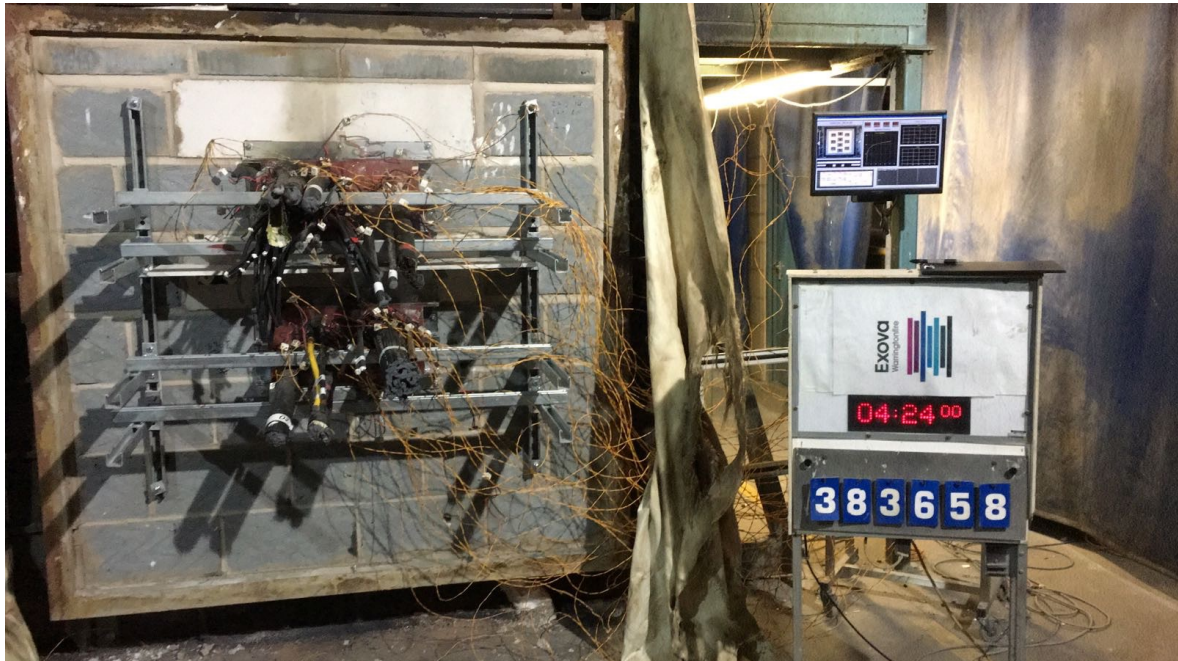
### Fire resistant duct sealant MD+

Density	1.2 gr/cm <sup>3</sup>	
Pressure resistance	up to 2 bar	
Pulling Force	100kg (1000 newtons)	
Bend Test	10xd at 45°, with 1 bar pressure	
Flow	< 2mm	ISO 7390
Colour	red-brown	
Skin over time (23C/55%RH)	± 15 minutes	
Curing	3 mm / 24 hours	
Hardness	30 shore A	DIN 53505
Elongation	100%	DIN 53504
Tensile strength	0.8 N/mm <sup>2</sup>	DIN 53504
Operating temperature	+5°C tot +40°C	
Temperature resistance	-40°C tot +120°C	

Small hexagonal block Dimensions single tube is O/D = 18mm I/D = 11.5mm, Length 60mm

## More info

### Photos of the EN1366-3 2009 test at Exova Warringtonfire



## Products

Art.nr.	Product Name	Duct diameter min.-max. (mm)	Order unit
80206	FiloSeal+HD FIRE 110mm	Ø 110 max.	per piece
80207	FiloSeal+HD FIRE 160mm	Ø 160 max.	per piece