

# FiloSeal+HD FIRE



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 Upto 2 bar Pressure Resistance 100Kg pulling Force on the cables when sealed 10xd at 45°, with 1 bar pressure bending test

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## 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, applicable to all common building materials
- 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, (HD) PE pipes
- Suitable for renovations, can be installed retrospectively
- Over 25 years of operational experience

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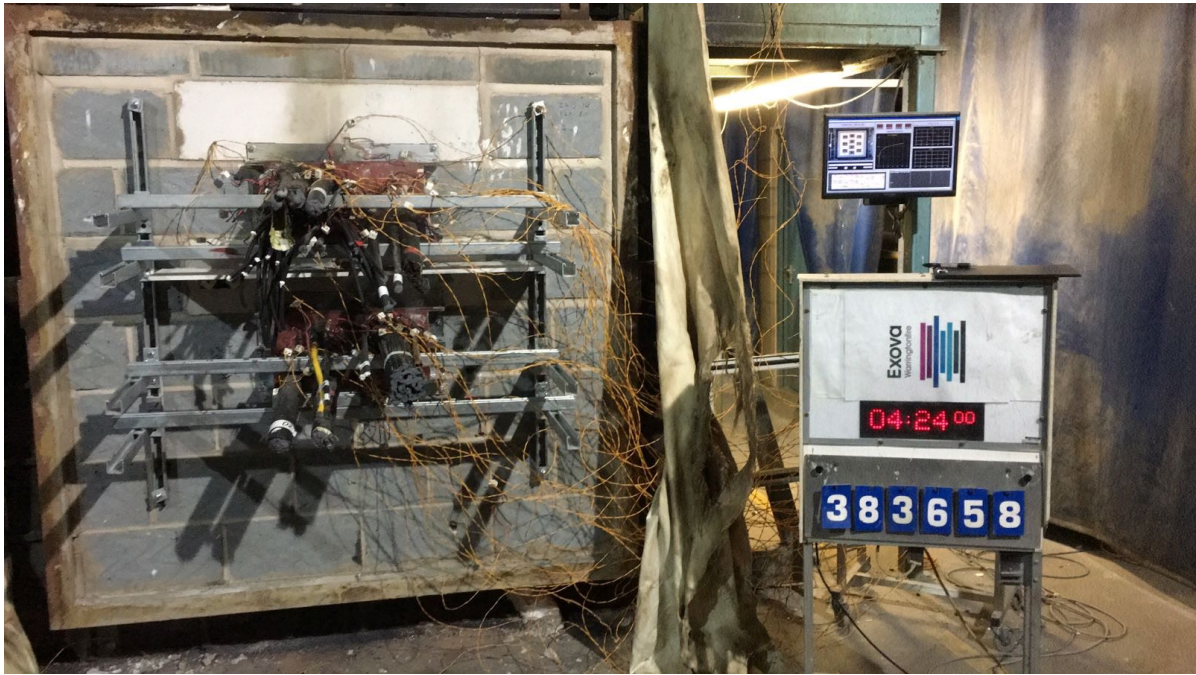
## Specifications

|                            |                                  |           |
|----------------------------|----------------------------------|-----------|
| 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                 |           |

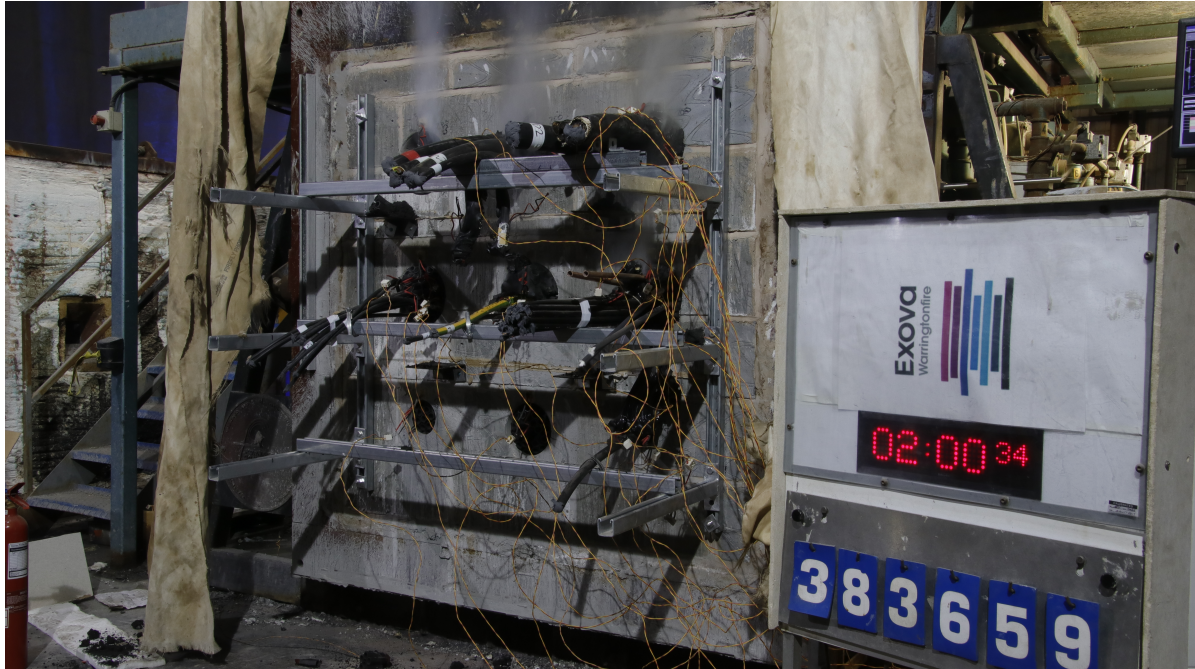
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More info

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



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## Products

| Art.nr. | Product Naam                     | Duct diameter min.-max. (mm) | Order unit |
|---------|----------------------------------|------------------------------|------------|
| 280070  | FiloSeal+HD FIRE - 75mm > 110mm  | Ø 110 max.                   | per piece  |
| 280080  | FiloSeal+HD FIRE - 125mm > 160mm | Ø 160 max.                   | per piece  |
| 280090  | FiloSeal+HD FIRE - 180mm         | Ø 180 max.                   | per piece  |
| 280100  | FiloSeal+HD FIRE - 200mm         | Ø 200 max.                   | per piece  |
| 280110  | FiloSeal+HD FIRE - 225mm         | Ø 225 max.                   | per piece  |
| 280120  | FiloSeal+HD FIRE - 250mm         | Ø 250 max.                   | per piece  |