

FIRE RESISTANT RE-ENTERABLE CABLE DUCT SEALING SYSTEM



FiloSeal+HD Fire

Re-enterable Duct Sealing System

FiloSeal+HD FIRE provides a strong support system using the fire resistant hexagonal blocks made of our specially formulated material called 'Formite' which builds up like a honeycomb structure. FiloSeal+HD FIRE is suitable for sealing empty or any cable configuration or pipes contained in one duct and also allows easy re-entry of the seal to add or remove cables or pipes as required.

FiloSeal+HD FIRE is very easy to apply regardless of the type of cable scenario in the cable ducts as it uses strong, but flexible hexagonal blocks to support the cable and provide a strong backing for the seal. The unique design of the hexagonal blocks makes positioning and separation of the cables very simple while also providing a strong backing for the MD+ to be applied on.

Re-Enterable Duct Sealing System

- 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
- Tested to London Underground - LUL S1085
- WIMES Compliant (3.02 2013 6.4.3.2 b)
- Kits are complete with backing and mastic to fill an empty duct of the kit size
- High levels of Gas and Water tightness
- Excellent adhesion, applicable to all common building materials
- Resistant against Water, Alkaline, Chemical agents
- Resistant to Rats and Termites
- Resistant to Hydrogen Sulphide / Methane and many other Gases (NedLab)
- Non corrosive, Solvent free, Shock absorbing, Non toxic and almost odourless
- Complies with ATEX regulations
- Suitable for any shaped duct / bore hole / opening
- Quick and easy installation
- Seals all known materials, PVC & PE sheathed cables, PILC, (HD) PE pipes
- Suitable for renovations, can be installed retrospectively
- Over 25 years of operational experience

Density: 1.2 gr/cm³

Pressure: up to 2 bar

Pulling Force: 100kg

Flow: <2mm ISO 7390

Colour: Red-Brown

Skin Over Time: +15minutes

Curing Time: 3mm / 24 hours

Hardness: 30 shore A - DIN 53505

Elongation: 100% - DIN53504

Tensile Strength: 0.8 N/mm² - DIN53504

Operating Temp: +5°C to 40°C

Temperature Resistance: -40°C to 120°C



• Other kit sizes available

Code	Description	Max Duct Diameter mm	Max Cable Diameter in Duct	Pressure Resistance
FS+HD-110-FIRE	FS+HD FIRE 110mm	Max 110.0	Ø 80 Max	Upto 2 bar
FS+HD-160-FIRE	FS+HD FIRE 160mm	Max 160.0	Ø 130 Max	Upto 2 bar

MD+ Sealant

MD+ is an engineered fire resistant elastic one-component sealant, suitable for sealing penetrations against, gas & water & when used in conjunction with FiloSeal+HD FIRE, you can achieve a fire-resistant seal up to 4 hours. Flexible, one component, adhesive and sealing compound. Supplied as individual cartridge (310ml)



Code	Description
MD+	MD+ Duct Sealant - Gas & Water Tight - Fire Retardant 310ml

