



Fire Rated Sealants Catalogue



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FulaFlex™ FR Fire Rated Hybrid Polymer Wall Joint Sealant

FulaFlex FR is a high performance, elastomeric and intumescent low-modulus fire resistant construction sealant for use in interior and exterior joint sealing applications and has been tested in accordance with AS1530.4-2014. FulaFlex FR cures to form a durable, permanently flexible and highly weather resistant sealant capable of $\pm 25\%$ joint movement, with negligible shrinkage and excellent adhesion to a wide range of substrates. FulaFlex FR carries a non-hazardous classification and is solvent free/low in VOC. FulaFlex FR combines excellent cold weather gun-ability with bubble free curing in hot/humid climates.

Key Benefits







- ✓ Fire rating for wall joints 10 - 50mm wide
- ✓ Up to 4 hour fire rating (AS1530.4)
- ✓ Excellent flexibility; $\pm 25\%$, UV stability and weather resistance
- ✓ For interior/exterior use
- ✓ Paintable
- ✓ Can be applied to damp surfaces
- ✓ Solvent and isocyanate free
- ✓ Water and acrylic free

Uses

- ✓ Sealing interior/exterior construction joints that are subject to movement (up to $\pm 25\%$) in concrete panels, block work, brickwork and fire-rated plasterboard
- ✓ Where a sealant is required that is unaffected by rain exposure early in the cure phase

Before use consult fire test reports for specific tested FRL's due to variations in fire rating results using different thicknesses and types of substrates.

Specifications
Cured State Flexible
Joint Width 10 - 50mm
Movement Capability $\pm 25\%$
Skin Time 40 - 50 mins (23°C, 50% RH)
Cure Time Approx 2-3 mm/day (23°C, 50% RH)
Area Interior/exterior
Hardness Shore A. 30 - 35
VOC 11g/L
Product Chemistry Hybrid Polymer
Refer to TDS for additional technical information

Available Products	Colour	Ctn Qty
 600ml Sausage Resource Code: 15020051	 grey	15
 600ml Sausage Resource Code: 15020158 Note: Made to order	 limestone	15
 600ml Sausage Resource Code: 15020196 Note: Made to order	 off white	15

Compatible Substrates
<ul style="list-style-type: none"> ✓ Concrete ✓ Mortar ✓ Fire rated plasterboard ✓ Zinc/gal/stainless steel ✓ Aluminium ✓ Timber ✓ Plastics (pre-test)
Note: Not all substrates fire tested - refer to reports if fire resistance is required



Firesound™ Fire Rated Acoustic Sealant

Firesound is a premium quality, flexible construction sealant formulated to perform as a barrier to the passage of both fire and sound through construction joints and service penetrations in concrete, aerated concrete, block work, brickwork and fire-rated plasterboard.

Key Benefits









- ✓ Premium quality, flexible construction sealant accommodating up to ±20% joint movement
- ✓ Fire rated for up to 4 hrs in joints up to 50 mm when tested in accordance with AS1530.4
- ✓ Intumescent; expands to compensate for deflection of building elements that result from exposure to extreme heat or fire
- ✓ Non-hazardous, free from solvents, isocyanates and asbestos
- ✓ Excellent acoustic performance; low shore A hardness and high density formula achieving up to Rw 65 (-2;-5) when tested in accordance with AS1276.1
- ✓ Low VOC Green Star Project compliant sealant, 31g/L (SCAQM Rule 1168.)
- ✓ Paintable
- ✓ UV Stable

Uses

- ✓ Sealing exterior and interior construction joints that are subject to movement (up to ±20%) in pre-cast concrete panels, block work, brickwork, aerated concrete and fire-rated plasterboard
- ✓ Gaps around cables, metal pipes, conduits, busways and ducts that penetrate walls, floors and ceilings

Before use consult fire test reports for specific tested FRL's due to variations in fire rating results using different thicknesses and types of substrates.

Specifications
Cured State Flexible
Joint Width 10 - 50mm
Movement Capability ±20%
Skin Time 15 mins (23°C, 50% RH)
Cure Time Variable dependent on condition
Area Interior/exterior
Hardness Shore A. 40
VOC 31g/L
Fire Rated Yes
Product Chemistry Acrylic
Refer to TDS for additional technical information

Available Products	Colour	Ctn Qty
 450g Cartridge Resource Code: 15019213	 grey	20
 600ml Sausage Resource Code: 15019215	 grey	15
 600ml Sausage Resource Code: 15019147 Note: Made to Order	 white	15
 10L Pail Resource Code: 15019142	 grey	1

Compatible Substrates
<ul style="list-style-type: none"> ✓ Concrete ✓ Mortar ✓ Brick ✓ Masonry ✓ Fire rated plasterboard ✓ Aluminium ✓ Steel inc. stainless ✓ Zinc/galvanised steel ✓ Cable coverings (PVC)
Note: Not all substrates fire tested - refer to reports if fire resistance is required



FulaCaulk™ FR Fire Rated Acrylic Wall Joint Sealant

FulaCaulk FR is a one part, water-based construction sealant for sealing wall joints in applications where a fire resistance level (FRL) rating is required. It has been tested in accordance with AS1530.4-2014.

Key Benefits

- ✓ Fire rating for wall joints 10 - 40mm wide
- ✓ Up to 4 hour fire rating (AS1530.4)
- ✓ Good flexibility; ±15% joint movement capability
- ✓ For interior/exterior use
- ✓ Fast dry through
- ✓ Paintable
- ✓ Can be applied to damp surfaces
- ✓ Intumescent; expands when exposed to fire or extreme heat

Uses

- ✓ Sealing interior/exterior construction joints that are subject to movement (up to ±15%) in concrete panels, block work, brickwork and fire-rated plasterboard

Before use consult fire test reports for specific tested FRL's due to variations in fire rating results using different thicknesses and types of substrates.

Specifications
Cured State Flexible
Joint Width 10 - 40mm
Movement Capability ±15%
Skin Time 15 mins (23°C, 50% RH)
Cure Time Variable dependent on condition
Area Interior/exterior
Hardness Shore A. 40
VOC 25g/L
Product Chemistry Acrylic
Refer to TDS for additional technical information

Available Products	Colour	Ctn Qty
 <p>600ml Sausage Resource Code: 15020042</p>	 <p>grey</p>	15

Compatible Substrates
<ul style="list-style-type: none"> ✓ Concrete ✓ Mortar ✓ Fire rated plasterboard ✓ Zinc/galvanised steel
<p>Note: Not all substrates fire tested - refer to reports if fire resistance is required</p>



FulaFoam™ Fire Resistant Expanding Foam

FulaFoam Fire Resistant Expanding Foam is a single component, fire resistant polyurethane expanding foam filler. FulaFoam Fire Resistant can provide up to 3 hours fire resistance and provides high acoustic insulation. FulaFoam Fire Resistant will not shrink during curing and will provide an air- and smoke-tight seal. The cured foam can be cut, sanded, plastered or painted.

Key Benefits


- ✓ Fire resistant polyurethane expanding foam (Appraised to AS1530.4)
- ✓ Efficient seal against smoke
- ✓ High bond strength to most substrates
- ✓ High thermal and acoustic insulation
- ✓ Does not contain CFC's or H-CFC's
- ✓ Pink in colour for ease of identification

Uses

- ✓ Fire resistant installation of window and door frames
- ✓ Fire and smoke resistant sealing of connections between partition walls, ceilings and floors
- ✓ Filling of cavities
- ✓ Applications where fire resistant characteristics are required such as:
 - Sealing of all openings in roof constructions
 - Sealing of cable and pipe penetrations
 - Creation of a sound-proof screen
 - Bonding of insulation materials
 - Application of sound-deadening layers
 - Improving thermal insulation in cold store areas

Before use consult fire test reports for specific tested FRL's due to variations in fire rating results using different thicknesses and types of substrates.

Specifications
Movement Capability N/A
Skin Time 12 - 16 mins (23°C, 50% RH)
Cure Time 18 hours (23°C) 24 hours (-5°C)
Paintable Yes
Area Interior/exterior (if painted)
Fire Rated Yes
Product Chemistry Polyurethane
Refer to TDS for additional technical information

Available Products	Colour	Ctn Qty
 <p>750ml Can Resource Code: 15019396</p>	 pink	12

Compatible Substrates
✓ Concrete
✓ Mortar
✓ Fibre cement sheeting
✓ Timber
✓ MDF
✓ Particleboard
✓ Steel inc. stainless
✓ Zinc/galvanised steel
✓ Aluminium
✓ Plasterboard
✓ Fibreglass
✓ Ceramics
<small>Note: Not all substrates fire tested - refer to reports if fire resistance is required</small>



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