



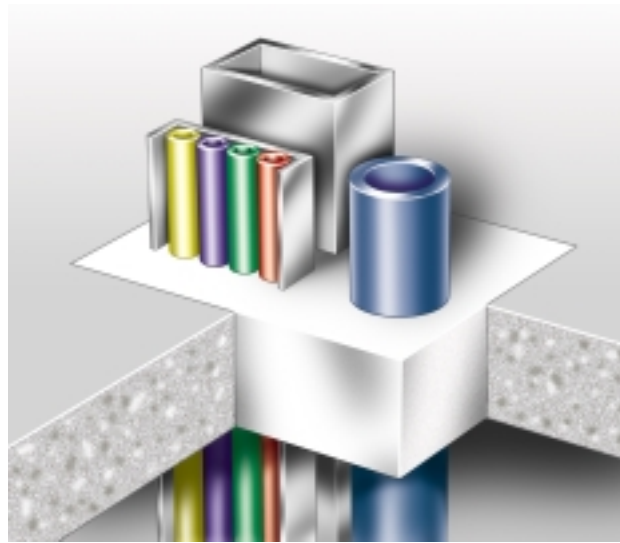
passive fire protection and insulation

Suppliers of passive fire products,
acoustic and specialist insulation
Manufacturers of the Safire® Fire Stopping Range

| | |
|----------|------|
| Uniclass | EPIC |
| CI/SfB | |

SAFIRE® COMPOUND

Fire Rated Load Bearing Mortar



Fire Rated Load Bearing Mortar system for up to 6 hours protection to compartment floors and walls around service penetrations.

When mixed with water it can be poured or trowelled into service penetration openings, preventing the passage of flame, smoke and toxic gases for up to 6 hours.

- Non-shrinking
- Load Bearing
- High compressive and flexural strength
- Quick Curing
- Tested to BS476 Part 20
- Versatile - easy to modify post-contract
- Lightweight



SAFIRE® COMPOUND

Fire rated load bearing mortar

A blend of gypsum and inorganic fillers which when mixed with water can be poured or trowelled around even the most complex service penetrations.

EASE OF APPLICATION

Fireus Compound can be mixed to different consistencies and can be poured or trowelled to provide the most suitable method of installation.

LOADBEARING

Fireus Compound has a very high structural and flexural strength. The blended composition resists shrinkage, cracking or spalling without the requirement of traditional meshing or support.

VERSATILE

Additional services can be easily routed through existing cured compound without the use of powertools and simply reinstated with additional compound.

QUICKCURE

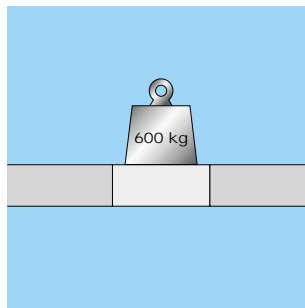
Depending on consistency of mix, Fireus Compound remains workable for approximately 45 minutes. No labour wastage waiting for the product to go off. Also helps coordination of other trade packages essential on fast track programmes.

SAFE TO USE

Fireus Compound has been comprehensively tested including a unique six hour fire test to BS476 pt 20, then subjected to a live load (unsupported) of 600kg and drenched with fire hoses.

CERTIFICATION

Fireus Compound is manufactured in strict accordance with ISO9002 certified quality procedures, Cert.No.9504014
Tested at NAMAS accredited fire testing laboratories to BS476 Parts 20-22 in both vertical and horizontal orientations, Cert.No. WARRES 69679/A, No.60287, No.60288/B



SPECIFICATION TABLE

| Spec Code | Fire Rating | Depth of Compound |
|-----------|-------------|-------------------|
| SC60 | 1 hour | 60mm |
| SC120 | 2 hour | 80mm * |
| SC180 | 3 hour | 80mm * |
| SC240 | 4 hour | 100mm * |

* minimum recommended thickness if loadbearing required

TECHNICAL SPECIFICATION

| | |
|------------------------------|--|
| COMPOSITION | A blend of inorganic fillers (powdered form) |
| APPEARANCE | Off-white powder when mixed with clear water hardens to a white solid compound |
| DENSITY | approx 950kg/m ³ |
| FLEXURAL STRENGTH (cured) | 4200kn/m ² |
| COMPRESSIVE STRENGTH (cured) | 4200kn/m ² |
| TOXICITY | Non Toxic |
| HEALTH & SAFETY | Consult H & S Data Sheet |
| PACKAGING | 20kg plastic bags |
| SHELF LIFE | Upto 24 months if stored dry in unopened condition |

USEAGE at a glance: approx. 0.021m³ per 20kg bag
80mm thickness = 3.8 bags
100mm thickness = 4.8 bags

ON SITE SUPPORT

A comprehensive design, advice and support service is offered to architects, specifiers and contractors ensuring trouble free installation.

Other products in the Fireus Products range:

FIRE BARRIERS: Total Comfort Rock Fibre Fire Blanket

FIRE STOPPING: Compound
Fire Collars
Barriers
Sealants
Fire Pillows
Expansion Joints
Flamestop60

THERMAL: Industrial thermal and acoustic insulation

For information on any of the above, or the name of your nearest distributor, please contact our sales department on tel. 01524 388898.

Alternatively, product information is available from our web site at www.fireus.co.uk

Your distributor:



Fireus Ltd.

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