
CERTIFICATE OF APPROVAL

No CF 431

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

ETEX BUILDING PERFORMANCE LIMITED

Gordano House, Marsh Lane, Easton-in-Gordano, Bristol, BS20 0NE
Tel: 0800 145 6033

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT

Promaseal Intumescent
Acrylic Sealant

TECHNICAL SCHEDULE

TS40 Linear Gap Sealing
Systems

Signed and sealed for and on behalf of Exova (UK) Limited trading as
Warrington Certification



Paul Duggan
Certification Manager

Issued: 13th April 2006
Revised: 17th July 2017
Valid to: 1st May 2022

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ETEX BUILDING PERFORMANCE LIMITED

Promaseal Intumescent Acrylic Sealant

1. This approval relates to the use of Promaseal Intumescent Acrylic Sealant for the fire protection of movement joints within walls and floors. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the thickness and acceptable services for Promaseal Intumescent Acrylic Sealant required to provide fire resistance periods in accordance with BS 476: Part 20: 1987 of up to 240 minutes for wall/floor constructions. The scope of certification complies with the guidelines stated in the ASFP Red Book: 3rd Edition for 3rd party certification schemes.
2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section 2 of the Technical Standards (Scotland), Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.'
3. The product is approved on the basis of:
 - i) Initial type testing
 - ii) Audit testing at the frequency specified in TS03
 - iii) A design appraisal against TS03
 - iv) Inspection and surveillance of factory production control
4. The concrete walls and drywall shall be at least 100mm thick and the floors at least 250mm thick and have at least the same fire rating as that required for the penetration seal.
5. Masonry and concrete gap faces will be within the density range of 450 to 2300kg/m³, and gap faces will be free from loose or flaking material.
6. Backing or support materials may be polyethylene or polyurethane foam, mineral or ceramic fibre insulation.
7. The approval relates to on-going production. Product and/or its immediate packaging is identified with the manufacturers' name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

Further information regarding the details contained in this data sheet may be obtained from Etex Building Performance Limited (Tel: 0800 145 6033).

Further information regarding the CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).

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ETEX BUILDING PERFORMANCE LIMITED

Promaseal Intumescent Acrylic Sealant BS 476 Approval Matrix

| Wall and Floor Installations:- Double Sided Seals | | | | | | |
|---|---|---|-------------------------|-----------------------------|------------------|-------------------|
| Product Name | | Promaseal Intumescent Acrylic Sealant | | | | |
| Configuration | | Max. Joint Width (mm) | Minimum Seal Depth (mm) | Backing Material | Integrity (mins) | Insulation (mins) |
| Wall Constructions (min 250mm thick) | Autoclaved aerated concrete/autoclaved aerated concrete | 20 | 10 | Polyethylene 30 mm diameter | 300 | 300 |
| | Autoclaved aerated concrete/autoclaved aerated concrete | 30 | 15 | Polyethylene 40 mm diameter | 300 | 210 |
| | Autoclaved aerated concrete/autoclaved aerated concrete | 40 | 20 | Polyethylene 50 mm diameter | 300 | 210 |
| | Autoclaved aerated concrete/autoclaved aerated concrete | 50 | 25 | Polyethylene 60 mm diameter | 300 | 210 |
| | Brick/Autoclaved aerated concrete | 15 | 10 | Polyethylene 20 mm diameter | 240 | 0 |
| | Brick/autoclaved aerated concrete | 25 | 10 | Polyethylene 30 mm diameter | 240 | 30 |
| | Steel/ aerated blockwork | 30 | 15 | Polyethylene 40 mm diameter | 300 | 90 |
| | Steel/ aerated blockwork | 50 | 25 | Ethafoam 50 mm diameter | 60 | 30 |
| | Hardwood/ aerated blockwork | 50 | 25 | Ethafoam 50 mm diameter | 60 | 60 |
| | Softwood/ aerated blockwork | 25 | 12 | Ethafoam 30 mm diameter | 30 | 30 |
| Floor Constructions (min 250mm thick) | Aerated concrete/ aerated concrete | 20 | 10 | Polyethylene 30 mm diameter | 300 | 120 |
| | Aerated concrete/ aerated concrete | 30 | 15 | Polyethylene 40 mm diameter | 300 | 60 |
| | Aerated concrete/ aerated concrete | 40 | 20 | Polyethylene 50 mm diameter | 300 | 60 |
| | Aerated concrete/ aerated concrete | 50 | 25 | Polyethylene 60 mm diameter | 300 | 210 |
| | Softwood/ aerated concrete | 25 | 12 | Ethafoam 30 mm diameter | 30 | 30 |
| | Hardwood/ aerated concrete | 50 | 25 | Ethafoam 50 mm diameter | 30 | 30 |
| | Steel/ aerated concrete | 50 | 25 | Ethafoam 50 mm diameter | 60 | 60 |
| Application Technique | | On good clean, virgin blockwork, no priming required. | | | | |

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Promaseal Intumescent Acrylic Sealant EN1366-4 Approval Matrix

| Wall Installations:- Single Sided Seals | | | | | | |
|---|---|---|------------------|-----------------------------|-------------------|----|
| Product Name | | Promaseal Intumescent Acrylic Sealant | | | | |
| Configuration | Max. Joint Width (mm) | Minimum Seal Depth (mm) | Backing Material | Integrity (mins) | Insulation (mins) | |
| Wall Constructions (min 100mm thick) | Autoclaved aerated concrete/autoclaved aerated concrete | 50 | 25 | Polyethylene 50 mm diameter | 120 | 60 |
| | Autoclaved aerated concrete/autoclaved aerated concrete | 40 | 20 | Polyethylene 40 mm diameter | 120 | 30 |
| | Autoclaved aerated concrete/autoclaved aerated concrete | 30 | 15 | Polyethylene 30 mm diameter | 120 | 30 |
| | Autoclaved aerated concrete/autoclaved aerated concrete | 20 | 10 | Polyethylene 40 mm diameter | 120 | 30 |
| | Autoclaved aerated concrete/softwood | 50 | 25 | Polyethylene 50 mm diameter | 45 | 30 |
| | Autoclaved aerated concrete/softwood | 40 | 20 | Polyethylene 40 mm diameter | 30 | 15 |
| | Autoclaved aerated concrete/softwood | 30 | 15 | Polyethylene 30 mm diameter | 30 | 15 |
| | Autoclaved aerated concrete/softwood | 20 | 10 | Polyethylene 20 mm diameter | 30 | 15 |
| | Autoclaved aerated concrete/steel | 50 | 25 | Polyethylene 50 mm diameter | 45 | 30 |
| | Autoclaved aerated concrete/steel | 40 | 20 | Polyethylene 40 mm diameter | 45 | 30 |
| | Autoclaved aerated concrete/steel | 30 | 15 | Polyethylene 30 mm diameter | 45 | 30 |
| | Autoclaved aerated concrete/steel | 20 | 10 | Polyethylene 20 mm diameter | 120 | 15 |
| | Application Technique | On good clean, virgin blockwork, no priming required. | | | | |

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Promaseal Intumescent Acrylic Sealant BS 476 Approval Matrix

| Floor Installations:- Single Sided Seals | | | | | | |
|--|---|---------------------------------------|---|-----------------------------|-------------------|----|
| Product Name | | Promaseal Intumescent Acrylic Sealant | | | | |
| Configuration | Max. Joint Width (mm) | Minimum Seal Depth (mm) | Backing Material | Integrity (mins) | Insulation (mins) | |
| Floor Constructions (min 150mm thick) | Autoclaved aerated concrete/autoclaved aerated concrete | 50 | 25 | Polyethylene 50 mm diameter | 240 | 90 |
| | Autoclaved aerated concrete/autoclaved aerated concrete | 40 | 20 | Polyethylene 40 mm diameter | 240 | 45 |
| | Autoclaved aerated concrete/autoclaved aerated concrete | 30 | 15 | Polyethylene 30 mm diameter | 240 | 45 |
| | Autoclaved aerated concrete/autoclaved aerated concrete | 20 | 10 | Polyethylene 40 mm diameter | 240 | 45 |
| | Autoclaved aerated concrete/softwood | 50 | 25 | Polyethylene 50 mm diameter | 45 | 45 |
| | Autoclaved aerated concrete/softwood | 40 | 20 | Polyethylene 40 mm diameter | 30 | 30 |
| | Autoclaved aerated concrete/softwood | 30 | 15 | Polyethylene 30 mm diameter | 30 | 30 |
| | Autoclaved aerated concrete/softwood | 20 | 10 | Polyethylene 20 mm diameter | 30 | 30 |
| | Autoclaved aerated concrete/steel | 50 | 25 | Polyethylene 50 mm diameter | 240 | 90 |
| | Autoclaved aerated concrete/steel | 40 | 20 | Polyethylene 40 mm diameter | 240 | 30 |
| | Autoclaved aerated concrete/steel | 30 | 15 | Polyethylene 30 mm diameter | 240 | 30 |
| | Autoclaved aerated concrete/steel | 20 | 10 | Polyethylene 20 mm diameter | 240 | 30 |
| | Application Technique | | On good clean, virgin blockwork, no priming required. | | | |

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Promaseal Intumescent Acrylic Sealant EN1366-4 Approval Matrix

| Wall Installations:- Double Sided Seals | | | | | | |
|---|---|---|-------------------------|--------------------------------|------------------|-------------------|
| Product Name | | Promaseal Intumescent Acrylic Sealant | | | | |
| Configuration | | Max. Joint Width (mm) | Minimum Seal Depth (mm) | Backing Material | Integrity (mins) | Insulation (mins) |
| Wall Constructions (min 120mm thick) | Autoclaved aerated concrete/autoclaved aerated concrete | 20 | 12.5 | Polyethylene 20 mm diameter | 120 | 120 |
| | Drywall/ autoclaved aerated concrete | | | | | |
| Wall Constructions (min 100mm thick) | Autoclaved aerated concrete/autoclaved aerated concrete | 20 | 12.5 | Polyethylene 20 mm diameter | 120 | 120 |
| Application Technique | | On good clean, virgin blockwork / drywall, no priming required. | | | | |

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Promaseal Intumescent Acrylic Sealant

| | | | | | |
|---|--|---|---|-----------------------------|--------------------------------|
| Air Permeability: EN1026 | Pressure (Pa) | Positive pressure (m ³ /h/m ²) | Negative pressure (m ³ /h/m ²) | Weather Capability: | Not evaluated by this approval |
| | 50 | 0 | 0 | | |
| | 100 | 0 | 0 | | |
| Acoustic Rating: BS EN ISO 10140-3:1995 | R_w(C;C_{tr}) :38(-2;-7) dB | | | Movement Capability: | Not evaluated by this approval |