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## CERTIFICATE OF APPROVAL

### No CF 430

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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:

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#### CERTIFIED PRODUCT

Promaseal Pipewraps

#### TECHNICAL SCHEDULE

TS03 Penetration Sealing  
Systems

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



Paul Duggan  
Certification Manager

Issued: 13<sup>th</sup> April 2006  
Reissued: 24<sup>th</sup> October 2018  
Valid to: 7<sup>th</sup> May 2023

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## CERTIFICATE No CF 430

### ETEX BUILDING PERFORMANCE LIMITED

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#### Promaseal Pipewraps

1. This approval relates to the use of Promaseal Pipewraps for the fire protection where services are penetrating walls. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the thickness and acceptable services for Promaseal Pipewraps required to provide fire resistance periods in accordance with BS 476: Part 20: 1987 or BS EN 1366-3: 2004 (denoted by \* in the tables) of up to 120 minutes for differing services and wall constructions. The scope of certification complies with the guidelines stated in the ASFP Red Book: 3<sup>rd</sup> Edition for 3<sup>rd</sup> party certification schemes.
2. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose
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 floors and masonry or concrete walls shall be at least 100 mm thick and have at least the same fire rating as that required for the penetration seal.
5. The services which may be fitted through the seals are PVC, ABS, MDPE and HDPE pipes of various sizes, as detailed within the Approval Matrix included in this Certificate.
6. The approval relates to ongoing 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

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

## CERTIFICATE No CF 430 ETEX BUILDING PERFORMANCE LIMITED

### Promaseal Pipewraps - Approval Matrix

<b>Product Name:</b>	Promaseal Pipewraps			
<b>Coating / DFT:</b>	N/A			
<b>Density:</b>	N/A			
<b>PVC Pipe Size* (up to)</b>	<b>Wrap size</b>	<b>Wall/Floor Thickness</b>	<b>Integrity</b>	<b>Insulation</b>
63 mm Ø by 3.2 mm wall thickness*	60 by 3.5 mm	150 mm	180 minutes	180 minutes
110 mm Ø by 3.2 mm wall thickness*	60 by 6 mm			
<b>MDPE Pipe Size (up to)</b>	<b>Wrap size</b>	<b>Wall/Floor Thickness</b>	<b>Integrity</b>	<b>Insulation</b>
63 mm Ø by 6.5 mm wall thickness	60 by 3.5 mm	150 mm	240 minutes	240 minutes
90 mm Ø by 9 mm wall thickness	60 by 6 mm			
<b>HDPE Pipe Size (up to)</b>	<b>Wrap size</b>	<b>Wall/Floor Thickness</b>	<b>Integrity</b>	<b>Insulation</b>
110 mm Ø by 7 mm wall thickness	60 by 6 mm	150 mm	240 minutes	240 minutes
<b>ABS Pipe Size* (up to)</b>	<b>Wrap size</b>	<b>Floor Thickness</b>	<b>Integrity</b>	<b>Insulation</b>
160 mm Ø by 10.5 mm wall thickness	60 by 6 mm + 60 by 3.5 mm (Floor only)	150 mm	240 minutes	240 minutes
* Performance in accordance with BS EN 1366-3: 2004				
<b>Maximum aperture:</b>	183 mm Ø			
<b>Walls/Floors</b>	<p>The walls and floors shall be a minimum of 100 mm thick for periods of up to 60 minutes integrity performance and 150 mm thick for periods of up to 240 minutes integrity.</p> <p>The minimum density for the concrete or brick of the wall is 780kg/m<sup>3</sup> and for walls made of concrete blocks is 600kg/m<sup>3</sup>.</p> <p>All concrete or masonry walls or floors shall have at least the same fire rating as that required of the pipe wrap.</p>			
<b>Application Technique:</b>	<p><b>Concrete/masonry walls and floors:</b></p> <p>The Pipewrap is folded around the pipe and secured tightly with adhesive tape. The wrap is slid along the pipe into the wall or floor aperture and grouted into position using Promaseal Compounds or Promaseal Intumescent Acrylic Sealant.</p>			
<b>Service Coat-Back :</b>	Not required	<b>U Value:</b>	Not known	
<b>Service Support Requirements:</b>	Services should be rigidly supported via steel angles, hangers or channels, not further than 500 mm from the surface of the sealing system on both faces.			
<b>Resistance to Smoke:</b>	Not evaluated by this approval	<b>Weather Capability:</b>	Not evaluated by this approval	
<b>Acoustic Rating:</b>	Not evaluated by this approval	<b>Movement Capability:</b>	Not evaluated by this approval	

PVC – Polyvinyl Chloride

MDPE – Medium Density Polyethylene

HDPE – High Density Polyethylene

ABS – Acrylonitrile Butadiene Styrene

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