

# UL-EU CERTIFICATE

**Certificate No.** UL-EU-01170-CPR

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**Date of Issue** 2021-03-29

**Certificate Holder** PFC Corofil  
Units 3 & 4 King Georges Industrial Estate,  
Davis Road,  
Chessington,  
KT9 1TT

**Manufacturer** A/008

**Certified Product Type** Fire Stop – Pipe Collar  
**Product Trade Name** PFC Corofil Intumescent Pipe Collar  
**Trademark** N/A  
**Rating/Classification** See Appendix

**Harmonised Technical Specifications** ETAG 026-2 / EN 13501-2 / EN 13501-1  
**Expiry date** 2031-03-28



A handwritten signature in blue ink, appearing to read 'Chris Miles'.

**Authorized Certification Decision Maker**  
Chris Miles

This is to certify that representative samples of the Certified Product listed above have been investigated by Underwriters Laboratories to the Standard(s) indicated on this Certificate, in accordance with the UL Global Services Agreement and the UL-EU Mark Service Terms and Conditions ("Agreement"). The Certificate Holder is entitled to use the UL-EU Mark for the Certified Product listed on the certificate and manufactured at the production site(s) listed, in accordance with the terms of the Agreement. Only those products bearing the UL-EU Mark for Europe should be considered as being covered by UL's UL-EU Mark Service. This Certificate shall remain valid through the Expiration date, unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



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This certificate relates to the use of PFC Corofil Intumescent Pipe Collar for fire stopping where services penetrate floors and walls. The detailed scope is given in pages 3 to 7 of this Certificate. This shows the thickness and acceptable dimensions, substrates and orientations required to provide fire resistance periods of up to 240 minutes (EI 240).

The product is certificated on the basis of:

- i) Inspection and surveillance of factory production control by UL
- ii) Fire resistance test data in accordance with 1366-3: 2009
- iii) Classification in accordance with EN 13501-2
- iv) Classification in accordance with EN 13501-1
- v) Durability and Servicability as defined in ETAG 026-2

The durability class of PFC Corofil Intumescent Pipe Collar is X - intended for use in conditions exposed to weathering (includes all lower classes).



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Product-type: Pipe Collar		Intended use: Penetration Seal	
Basic requirement for construction work	Basic Requirement		Basic requirement for construction work
<b>BWR 1 Mechanical resistance and stability</b>			
-	None		-
<b>BWR 2 Safety in case of fire</b>			
EN 13501-1	Reaction to fire		Class E
EN 13501-2	Resistance to fire		See pages 4-7
<b>BWR 3 Hygiene, health and environment</b>			
EN 1026:2000	Air permeability (material property)		No performance determined
ETAG 026-3, Annex C	Water permeability (material property)		No performance determined
Declaration of manufacturer	Release of dangerous substances		Use category IA1, S/W3 Declaration of manufacturer
<b>BWR 4 Safety in use</b>			
EOTA TR 001:2003	Mechanical resistance and stability		No performance determined
EOTA TR 001:2003	Resistance to impact/movement		No performance determined
EOTA TR 001:2003 ISO 11600	Adhesion		No performance determined
<b>BWR 5 Protection against noise</b>			
EN 10140-2/ EN ISO 717-1	Airborne sound insulation		No performance determined
EN 10140-3/ EN ISO 717-2	Impact sound insulation		No performance determined
<b>BWR 6 Energy economy and heat retention</b>			
EN 12664, EN 12667 or EN 12939	Thermal properties		No performance determined
EN ISO 12572 EN 12086	Water vapour permeability		No performance determined
<b>General aspects relating to fitness for use</b>			
ISO 8339: 2005, ISO 9046: 2004 & ISO 7389: 2003	Durability and serviceability		X
<b>BWR 7 Sustainable use of natural resources</b>			
-	-		No performance determined



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Substrate	Minimum Substrate Thickness (mm)	Annular space sealed with PFC Corofil Acoustic Intumescent Sealant (mm)	Collar Position	Inlay W X H (mm)	Reference	Pipe	Fire Resistance (mins.)	
							E	EI
Drywall/ Masonry/ Concrete wall	100	10	Both sides	30 x 4	32 mm PFC Corofil Intumescent Pipe Collar	32 mm Ø PVC with 1.8mm wall thickness	120*	120*
					40 mm PFC Corofil Intumescent Pipe Collar	40 mm Ø PVC with 1.8mm wall thickness		
					50 mm PFC Corofil Intumescent Pipe Collar	50 mm Ø PVC with 1.8mm wall thickness		
				30 x 6	55 mm PFC Corofil Intumescent Pipe Collar	55mm Ø PVC with 2.3-3mm wall thickness		
					63 mm PFC Corofil Intumescent Pipe Collar	63mm Ø PVC with 2.3-3mm wall thickness		
				30 x 8	75 mm PFC Corofil Intumescent Pipe Collar	75mm Ø PVC with 3.1-4.8mm wall thickness		
					82 mm PFC Corofil Intumescent Pipe Collar	82mm Ø PVC with 3.1-4.8mm wall thickness		
				30 x 10	90 mm PFC Corofil Intumescent Pipe Collar	90mm Ø PVC with 4.2-7.4mm wall thickness		
					100 mm PFC Corofil Intumescent Pipe Collar	100mm Ø PVC with 4.2-7.4mm wall thickness		
					110 mm PFC Corofil Intumescent Pipe Collar	110mm Ø PVC with 4.2-7.4mm wall thickness		
				40 x 12	125 mm PFC Corofil Intumescent Pipe Collar	125mm Ø PVC with 6.0mm wall thickness		
				40 x 16	140 mm PFC Corofil Intumescent Pipe Collar	140mm Ø PVC with 6.1-7.5mm wall thickness		
				40 x 18	160 mm PFC Corofil Intumescent Pipe Collar	160mm Ø PVC with 6.2-9.5mm wall thickness		
				30 x 4	32 mm PFC Corofil Intumescent Pipe Collar	32 mm Ø PP with 2.9mm wall thickness		
					40 mm PFC Corofil Intumescent Pipe Collar	40 mm Ø PP with 2.9mm wall thickness		
					50 mm PFC Corofil Intumescent Pipe Collar	50 mm Ø PP with 2.9mm wall thickness		
				30 x 6	55 mm PFC Corofil Intumescent Pipe Collar	55mm Ø PP with 2.9-4.4mm wall thickness		
					63 mm PFC Corofil Intumescent Pipe Collar	63mm Ø PP with 2.9-4.4mm wall thickness		
				30 x 8	75 mm PFC Corofil Intumescent Pipe Collar	75mm Ø PP with 2.8-6.7mm wall thickness		
					82 mm PFC Corofil Intumescent Pipe Collar	82mm Ø PP with 2.8-6.7mm wall thickness		
				30 x 10	90 mm PFC Corofil Intumescent Pipe Collar	90mm Ø PP with 2.7-10mm wall thickness		
100 mm PFC Corofil Intumescent Pipe Collar	100mm Ø PP with 2.7-10mm wall thickness							
110 mm PFC Corofil Intumescent Pipe Collar	110mm Ø PP with 2.7-10mm wall thickness							

\* Uncapped/Capped (U/C)  
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Substrate	Minimum Substrate Thickness (mm)	Annular space sealed with PFC Corofil Acoustic Intumescent Sealant (mm)	Collar Position	Inlay W X H (mm)	Reference	Pipe	Fire Resistance (mins.)	
							E	EI
Drywall/ Masonry/ Concrete wall	100	10	Both sides	40 x 12	125 mm PFC Corofil Intumescent Pipe Collar	125mm Ø PP with 3.1mm wall thickness	120*	120*
				40 x 16	140 mm PFC Corofil Intumescent Pipe Collar	140mm Ø PP with 3.5-8.0mm wall thickness		
				40 x 18	160 mm PFC Corofil Intumescent Pipe Collar	160mm Ø PP with 4.0-14.5mm wall thickness		
				30 x 4	32 mm PFC Corofil Intumescent Pipe Collar	32 mm Ø PE with 2.9mm wall thickness		
					40 mm PFC Corofil Intumescent Pipe Collar	40 mm Ø PE with 2.9mm wall thickness		
					50 mm PFC Corofil Intumescent Pipe Collar	50 mm Ø PE with 2.9mm wall thickness		
				30 x 6	55 mm PFC Corofil Intumescent Pipe Collar	55mm Ø PE with 2.9-4.4mm wall thickness		
					63 mm PFC Corofil Intumescent Pipe Collar	63mm Ø PE with 2.9-4.4mm wall thickness		
				30 x 8	75 mm PFC Corofil Intumescent Pipe Collar	75mm Ø PE with 2.8-6.7mm wall thickness		
					82 mm PFC Corofil Intumescent Pipe Collar	82mm Ø PE with 2.8-6.7mm wall thickness		
				30 x 10	90 mm PFC Corofil Intumescent Pipe Collar	90mm Ø PE with 2.7-10mm wall thickness		
					100 mm PFC Corofil Intumescent Pipe Collar	100mm Ø PE with 2.7-10mm wall thickness		
					110 mm PFC Corofil Intumescent Pipe Collar	110mm Ø PE with 2.7-10mm wall thickness		
				40 x 12	125 mm PFC Corofil Intumescent Pipe Collar	125mm Ø PE with 3.1mm wall thickness		
				40 x 16	140 mm PFC Corofil Intumescent Pipe Collar	140mm Ø PE with 3.9-5.8mm wall thickness		
40 x 18	160 mm PFC Corofil Intumescent Pipe Collar	160mm Ø PE with 4.9-9.5mm wall thickness						
Masonry/ Concrete wall				30 x 10	110 mm PFC Corofil Intumescent Pipe Collar	110mm Ø PP with 2.7mm wall thickness	120~	120~
				40 x 18	160 mm PFC Corofil Intumescent Pipe Collar	160mm Ø PP with 4.0mm wall thickness		
				40 x 24	250 mm PFC Corofil Intumescent Pipe Collar	250mm Ø PP with 6.2mm wall thickness	120*	120*

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Substrate	Minimum Substrate Thickness (mm)	Annular space sealed with PFC Corofil Acoustic Intumescent Sealant (mm)	Collar Position	Inlay W X H (mm)	Reference	Pipe	Fire Resistance (mins.)	
							E	EI
Concrete floor	150	10 (to top face of floor)	Soffit	30 x 4	32 mm PFC Corofil Intumescent Pipe Collar	32 mm Ø PVC with 1.8mm wall thickness	240*	240*
					40 mm PFC Corofil Intumescent Pipe Collar	40 mm Ø PVC with 1.8mm wall thickness		
					50 mm PFC Corofil Intumescent Pipe Collar	50 mm Ø PVC with 1.8mm wall thickness		
				30 x 6	55 mm PFC Corofil Intumescent Pipe Collar	55mm Ø PVC with 2.3-3mm wall thickness		
					63 mm PFC Corofil Intumescent Pipe Collar	63mm Ø PVC with 2.3-3mm wall thickness		
				30 x 8	75 mm PFC Corofil Intumescent Pipe Collar	75mm Ø PVC with 3.1-4.8mm wall thickness		
					82 mm PFC Corofil Intumescent Pipe Collar	82mm Ø PVC with 3.1-4.8mm wall thickness		
				30 x 10	90 mm PFC Corofil Intumescent Pipe Collar	90mm Ø PVC with 4.2-7.4mm wall thickness		
					100 mm PFC Corofil Intumescent Pipe Collar	100mm Ø PVC with 4.2-7.4mm wall thickness		
					110 mm PFC Corofil Intumescent Pipe Collar	110mm Ø PVC with 4.2-7.4mm wall thickness		
				40 x 12	125 mm PFC Corofil Intumescent Pipe Collar	125mm Ø PVC with 6.0mm wall thickness		
				40 x 16	140 mm PFC Corofil Intumescent Pipe Collar	140mm Ø PVC with 6.1-7.5mm wall thickness		
				40 x 18	160 mm PFC Corofil Intumescent Pipe Collar	160mm Ø PVC with 6.2-9.5mm wall thickness		
				30 x 4	32 mm PFC Corofil Intumescent Pipe Collar	32 mm Ø PP with 2.9mm wall thickness		
					40 mm PFC Corofil Intumescent Pipe Collar	40 mm Ø PP with 2.9mm wall thickness		
					50 mm PFC Corofil Intumescent Pipe Collar	50 mm Ø PP with 2.9mm wall thickness		
				30 x 6	55 mm PFC Corofil Intumescent Pipe Collar	55mm Ø PP with 2.9-4.4mm wall thickness		
					63 mm PFC Corofil Intumescent Pipe Collar	63mm Ø PP with 2.9-4.4mm wall thickness		
				30 x 8	75 mm PFC Corofil Intumescent Pipe Collar	75mm Ø PP with 2.8-6.7mm wall thickness		
					82 mm PFC Corofil Intumescent Pipe Collar	82mm Ø PP with 2.8-6.7mm wall thickness		
				30 x 10	90 mm PFC Corofil Intumescent Pipe Collar	90mm Ø PP with 2.7-10mm wall thickness		
					100 mm PFC Corofil Intumescent Pipe Collar	100mm Ø PP with 2.7-10mm wall thickness		
					110 mm PFC Corofil Intumescent Pipe Collar	110mm Ø PP with 2.7-10mm wall thickness		

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Substrate	Minimum Substrate Thickness (mm)	Annular space sealed with PFC Corofil Acoustic Intumescent Sealant (mm)	Collar Position	Inlay W X H (mm)	Reference	Pipe	Fire Resistance (mins.)					
							E	EI				
Concrete floor	150	10 (to top face of floor)	Soffit	40 x 12	125 mm PFC Corofil Intumescent Pipe Collar	125mm Ø PP with 3.1mm wall thickness	240*	240*				
				40 x 16	140 mm PFC Corofil Intumescent Pipe Collar	140mm Ø PP with 3.5-8.0mm wall thickness						
				40 x 18	160 mm PFC Corofil Intumescent Pipe Collar	160mm Ø PP with 4.0-14.6mm wall thickness						
				30 x 4	32 mm PFC Corofil Intumescent Pipe Collar	32 mm Ø PE with 2.9mm wall thickness						
					40 mm PFC Corofil Intumescent Pipe Collar	40 mm Ø PE with 2.9mm wall thickness						
					50 mm PFC Corofil Intumescent Pipe Collar	50 mm Ø PE with 2.9mm wall thickness						
				30 x 6	55 mm PFC Corofil Intumescent Pipe Collar	55mm Ø PE with 2.9-4.4mm wall thickness						
					63 mm PFC Corofil Intumescent Pipe Collar	63mm Ø PE with 2.9-4.4mm wall thickness						
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					82 mm PFC Corofil Intumescent Pipe Collar	82mm Ø PE with 2.8-6.7mm wall thickness						
				30 x 10	90 mm PFC Corofil Intumescent Pipe Collar	90mm Ø PE with 2.7-10mm wall thickness						
					100 mm PFC Corofil Intumescent Pipe Collar	100mm Ø PE with 2.7-10mm wall thickness						
					110 mm PFC Corofil Intumescent Pipe Collar	110mm Ø PE with 2.7-10mm wall thickness						
				40 x 12	125 mm PFC Corofil Intumescent Pipe Collar	125mm Ø PE with 3.1mm wall thickness						
				40 x 16	140 mm PFC Corofil Intumescent Pipe Collar	140mm Ø PE with 3.9-5.8mm wall thickness						
				40 x 18	160 mm PFC Corofil Intumescent Pipe Collar	160mm Ø PE with 4.9-9.5mm wall thickness						
				10 (to both faces)	Both faces	30 x 10			110 mm PFC Corofil Intumescent Pipe Collar	110mm Ø PP with 2.7mm wall thickness	120~	120~
						40 x 16			160 mm PFC Corofil Intumescent Pipe Collar	160mm Ø PP with 4.0mm wall thickness	120*	120*

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# Appendix UL-EU Certificate

<b>Certification Mark</b>	<b>UL-EU mark</b>
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The UL-EU Mark, as displayed below, shall appear on certified products only. Minimum size is not specified, as long as the Mark is legible. The following is suggested.



The minimum height of the registered trademark symbol ® shall be 1 mm. When the overall diameter of the UL-EU Mark is less than 9.5 mm, the trademark symbol may be omitted if it is not legible to the naked eye.

The UL-EU Mark may appear on a label, nameplate, or may be cast, stamped or molded into the product. When appearing on a label or nameplate, the Manufacturer's name or trademark along with a model number are also required on that same label or nameplate. If cast, stamped or molded, the Manufacturer's name or trademark and model number shall also appear elsewhere on the product.

All content shall be in accordance with the details provided on this UL-EU Certificate.

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