

# CERTIFICATE OF CONFORMITY

This is to certify that

**Hilti Far East Pte Ltd**

80 Pasir Panjang Road  
#16-83/84 Mapletree Business City  
Singapore 117372  
UEN: 196800338E

has been assessed and found to meet the requirements of PLS - Scheme Type 5 for

<b>Product:</b>	Fire Stopping Material
<b>Brand:</b>	Hilti
<b>Model:</b>	CP 637
<b>Country of Origin:</b>	United Kingdom
<b>Product Details:</b>	Fire Stop Mortar See COC Appendix (3 pages) for Fire Performance
<b>Test Standard(s):</b>	BS 476-20:1987
<b>Test Report(s):</b>	LPC No. TE 88648 BRE Supplement Report to TE 88648 BRE Assessment Report No. P125184-1002 Issue 1

This certificate issued in accordance with SCDF Fire Code 2018 requirements.



Eric Law

Head of Certification

For and on behalf of Element Testing Services (S) Pte Ltd

**Certificate number:**  
**20A0305**

Issue number: 01

Date of initial certification:  
09 July 2020

Date of revision:  
16 June 2023

Expiry date:  
07 June 2028

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Issuing Office: 249 Jalan Boon Lay Singapore 619523  
Registered Office: 249 Jalan Boon Lay Singapore 619523  
UEN 198004219D

This certificate remains the property of Element Testing Services (S) Pte Ltd.

This certificate and all copies or reproductions of the certificate shall be returned to Element Testing Services (S) Pte Ltd or destroyed if requested.

Further clarification regarding the scope of this certificate and verification of the certificate is available through Element Testing Services (S) Pte Ltd or at the above address or at <https://www.certificationsingapore.element.com/>

The use of the SAC accreditation mark indicates accreditation in respect of those activities covered by the accreditation number PD-2010-12. This Certificate is part of a full report and should be read in conjunction with it.

For further information on Element Testing Services (S) Pte Ltd activities covered by SAC accreditation can be accessed at: <https://www.sac-accreditation.gov.sg/accredited-org/certified-cab-companies>

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## Appendix

Product Details: Fire Performance of Penetration Joints Sealing System

Separating Element	Method of Sealing	Penetration Service	Integrity (mins)	Insulation (mins)
Concrete wall (Minimum thickness: 230mm)	25mm thick firestop mortar on both sides of a 50mm thick mineral wool slab of nominal density of 128kg/m <sup>3</sup>	No Penetration	240	180
	50mm thick firestop mortar on both sides of a 50mm thick mineral wool slab of nominal density of 128kg/m <sup>3</sup>	No Penetration	240	240
	100mm thick firestop mortar (flush to the unexposed fire side)	No Penetration	240	240
		Sheathed and insulated cables	240	30
		Steel Pipes (Ø42mm to Ø102mm, Wall thickness: 4.0mm to 6.0mm)	240	-
		Steel Pipes (Ø25mm to Ø42mm, Wall Thickness: 1.5mm to 4.0mm)	240	30

For more details, please refer to BRE Assessment Report No. P125184-1002 Issue 1.

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## Appendix

Product Details: Fire Performance of Penetration Joints Sealing System

Separating Element	Method of Sealing	Penetration Service	Integrity (mins)	Insulation (mins)	
Concrete floor (Minimum thickness: 200mm)	50mm thick firestop mortar on top of a 50mm thick mineral wool slab of nominal density of 128kg/m <sup>3</sup>	Cable tray with sheathed and insulated cables	60	30	
	100mm thick firestop mortar on top of a 50mm thick mineral wool slab of nominal density of 128kg/m <sup>3</sup>	Cable tray with sheathed and insulated cables	90	60	
	150mm thick firestop mortar on top of a 50mm thick mineral wool slab of nominal density of 128kg/m <sup>3</sup>	Cable tray with sheathed and insulated cables	90	60	
	200mm thick firestop mortar on top of a 50mm thick mineral wool slab of nominal density of 128kg/m <sup>3</sup>	Cable tray with sheathed and insulated cables	90	60	
	100mm thick firestop mortar (flush to the unexposed fire side)	Sheathed and insulated cables		240	30
		Steel Pipes (Ø42mm to Ø108mm, Wall thickness: 2.6mm to 5.0mm)		240	-
		Steel Pipes (Ø42mm to Ø102mm, Wall Thickness: 4.0mm to 6.0mm)		240	30

For more details, please refer to BRE Assessment Report No. P125184-1002 Issue 1.

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## Appendix

Product Details: Fire Performance of Penetration Joints Sealing System

Separating Element	Method of Sealing	Penetration Service	Integrity (mins)	Insulation (mins)
Concrete floor (Minimum thickness: 200mm)	50mm thick firestop mortar on top of a 50mm thick mineral wool slab of nominal density of 128kg/m <sup>3</sup>	Steel Pipes (Ø25mm to Ø108mm, Wall thickness: 1.6mm to 5.0mm)	240	30
	50mm thick firestop mortar on top of a 50mm thick mineral wool slab of nominal density of 128kg/m <sup>3</sup>	Steel Pipe (Ø25mm, Wall thickness: 1.6mm)	240	60
	100mm thick firestop mortar on top of a 50mm thick mineral wool slab of nominal density of 128kg/m <sup>3</sup>	Steel Pipes (Ø25mm to Ø108mm, Wall thickness: 1.6mm to 5.0mm)	240	60
	100mm thick firestop mortar on top of a 50mm thick mineral wool slab of nominal density of 128kg/m <sup>3</sup>	Steel Pipe (Ø25mm, Wall thickness: 1.6mm)	240	120

For more details, please refer to BRE Assessment Report No. P125184-1002 Issue 1.