

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

Product:	Fire Stopping Material
Brand:	Hilti
Model:	CP 606
Country of Origin:	Germany
Product Details:	Fire Stop Acrylic Sealant See COC Appendix (5 pages) for Fire Performance
Test Standard(s):	BS 476-20:1987
Test Report(s):	WARRES No. 69754/C, 71151/A, 71151/B, 101296/A WFRC Report No. 146725 Issue 2, 143653 RED No. R25E01-1A

This certificate issued in accordance with SCDF Fire Code requirements.



Eric Law

Head of Certification

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

Certificate number:
20A0303

Issue number: 02

Date of initial certification:
09 July 2020

Date of revision:
16 May 2025

Expiry date:
18 May 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 Linear Joint Gap Sealing System

Type of Separating Element (Gap Faces)	Gap Width (mm)	Sealant Thickness (mm)	Sealant	Type of Backing Material	Integrity (mins)	Insulation ¹ (mins)
Floor (Aerated Concrete and Aerated Concrete)	0 - 15	6	CP 606 applied on the fire unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	240
Floor (Aerated Concrete and Aerated Concrete)	16 - 20	10	CP 606 applied on the fire unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	120
Floor (Aerated Concrete and Aerated Concrete)	21 - 30	15	CP 606 applied on the fire unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	180
Floor (Aerated Concrete and Aerated Concrete)	0 - 15	6	CP 606 applied on the fire unexposed side	PE backer rod	120	60
Floor (Aerated Concrete and Aerated Concrete)	0 - 20	10	CP 606 applied on the fire unexposed side	PE backer rod	240	120
Floor (Aerated Concrete and Aerated Concrete)	21 - 30	15	CP 606 applied on the fire unexposed side	PE backer rod	240	120

For more details, please refer to RED No. R25E01-1A.

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Fire Performance of Linear Joint Gap Sealing System

Type of Separating Element (Gap Faces)	Gap Width (mm)	Sealant Thickness (mm)	Sealant	Type of Backing Material	Integrity (mins)	Insulation (mins)
Floor (Aerated Concrete and Steel)	0 - 15	6	CP 606 applied on the fire unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	-
Floor (Aerated Concrete and Steel)	16 - 20	10	CP 606 applied on the fire unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	-
Floor (Aerated Concrete and Steel)	21 - 30	15	CP 606 applied on the fire unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	30
Floor (Steel and Steel)	0 - 15	6	CP 606 applied on the fire unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	-
Floor (Steel and Steel)	16 - 20	10	CP 606 applied on the fire unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	-
Floor (Steel and Steel)	21 - 30	15	CP 606 applied on the fire unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	30

For more details, please refer to RED No. R25E01-1A.

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Product Details:

Fire Performance of Linear Joint Gap Sealing System

Type of Separating Element (Gap Faces)	Gap Width (mm)	Sealant Thickness (mm)	Sealant	Type of Backing Material	Integrity (mins)	Insulation (mins)
Wall (Aerated Concrete and Aerated Concrete)	0 - 15	6	CP 606 applied on both fire exposed and unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	240
Wall (Aerated Concrete and Aerated Concrete)	0 - 30	10	CP 606 applied on both fire exposed and unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	240
Wall (Aerated Concrete and Aerated Concrete)	0 - 15	6	CP 606 applied on both fire exposed and unexposed side	PE backer rod on both fire exposed and unexposed sides	120	60
Wall (Aerated Concrete and Aerated Concrete)	0 - 30	10	CP 606 applied on both fire exposed and unexposed side	PE backer rod on both fire exposed and unexposed sides	240	240
Wall (Aerated Concrete and Steel)	0 - 15	6	CP 606 applied on both fire exposed and unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	-
Wall (Aerated Concrete and Steel)	0 - 30	10	CP 606 applied on both fire exposed and unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	240
Wall (Aerated Concrete and Steel)	0 - 30	10	CP 606 applied on both fire exposed and unexposed side	PE backer rod on both fire exposed and unexposed sides	240	240
Wall (Steel and Steel)	0 - 15	6	CP 606 applied on both fire exposed and unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	-
Wall (Steel and Steel)	16 - 20	10	CP 606 applied on both fire exposed and unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	-
Wall (Steel and Steel)	21 - 30	15	CP 606 applied on both fire exposed and unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³)	240	30
Wall (Dry partition and Dry partition)	0 - 30	10	CP 606 applied on both fire exposed and unexposed side	Mineral wool (130mm thick of 100kg/m ³ or 85mm thick of 140kg/m ³ or PE backer rod	120	-

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Product Details:

Fire Performance of Penetration Gap Sealing System

Separating Element	Aperture Size	Penetration Service	Description	Integrity (mins)	Insulation (mins)
Concrete Wall	Annular gap around the penetration service of maximum 42mm	Copper Pipe (Diameter up to 200mm of wall thickness of 1.25mm to 10mm)	Gap in the penetration to be sealed up with 60mm thick of 100kg/m ³ mineral wool with 15mm thick CP 606 on both fire exposed and unexposed fire sides.	120	-
		Copper Pipe (Diameter of 50mm and below of wall thickness of 1.25mm to 10mm)	Gap in the penetration to be sealed up with 100mm thick of 100kg/m ³ mineral wool with 15mm thick CP 606 on both fire exposed and unexposed fire sides.	240	-
		Steel Pipe (Diameter up to 200mm of wall thickness of 1.25mm to 10mm)	Gap in the penetration to be sealed up with 60mm thick of 100kg/m ³ mineral wool with 15mm thick CP 606 on both fire exposed and unexposed fire sides	240	-
		Copper Pipe (Diameter of 50mm and below of wall thickness of 1.25mm to 10mm)	Gap in the penetration to be sealed up with minimum of 130mm thick of Hilti CF-F 750 filling foam with 10mm thick CP 606 on both fire exposed and unexposed sides	240	-
		Steel Pipe (Diameter up to 140mm of wall thickness of 1.25mm to 10mm)	Gap in the penetration to be sealed up with minimum of 130mm thick of Hilti CF-F 750 filling foam with 10mm thick CP 606 on both fire exposed and unexposed sides	240	-

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Fire Performance of Penetration Gap Sealing System

Separating Element	Aperture Size	Penetration Service	Description	Integrity (mins)	Insulation (mins)
Concrete Floor	Annular gap around the penetration service of maximum 42mm	Copper Pipe (Diameter up to 200mm of wall thickness of 1.25mm to 10mm)	Gap in the penetration to be sealed up with 100mm thick of 100kg/m ³ mineral wool with 15mm thick CP 606 on the fire unexposed fire side.	120	-
		Copper Pipe (Diameter of 50mm and below of wall thickness of 1.25mm to 10mm)	Gap in the penetration to be sealed up with 100mm thick of 100kg/m ³ mineral wool with 15mm thick CP 606 on the fire unexposed fire side.	240	-
		Steel Pipe (Diameter up to 200mm of wall thickness of 1.25mm to 10mm)	Gap in the penetration to be sealed up with 100mm thick of 100kg/m ³ mineral wool with 15mm thick CP 606 on the fire unexposed fire side.	240	-

For more details, please refer to RED No. R25E01-1A.