



Hilti CP 670 Firestop Coating System

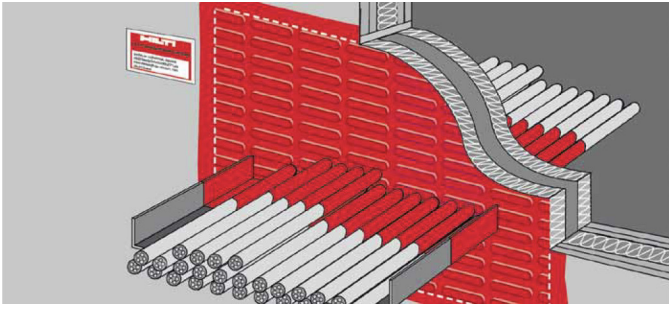
Submission Folder

Product Information and Method Statement	2
Test Reports	
University of Macau No. 2018-A61	6
VOC Content	24
Approvals	
Macau Fire Services	25
Factory Mutual	26
Letters	
Country of Origin	27
LEED Letter	29
Non-CFC and Ozone Confirmation	30
Material Information Statement	31
Job Reference	32



Recycling one ton of paper saves 17 trees and 7000 gallons of water.
Please consider your environmental responsibility before using the hard copy version!

Firestop board, coating CP 670



APPLICATIONS

- Permanent firestopping of blank openings, cables, cable trays, non-combustible and combustible pipes in medium to large wall and floor openings
- Ideal for large openings

ADVANTAGES

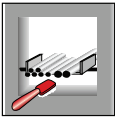
- Solvent- and silicone-free
- Fully functional immediately after installation
- Smoke tight



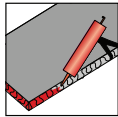
Technical data	
Base materials	Drywall, Concrete, Masonry
Approx. density	1470 kg/m ³
Application temperature range	5 - 40 °C
Temperature resistance range	-40 - 100 °C
Storage and transportation temperature range	5 - 30 °C
Shelf life ¹⁾	15 Months
Colour	White

¹⁾at 77°F/25°C and 50% relative humidity; from date of manufacture

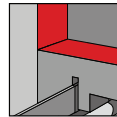
Application Procedure



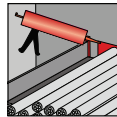
1. Clean the opening



2. Coat cut edges with CP 606



3. Fit CP 670



4. Fill gaps with CP 606



5. Fasten installation (if required)



Order Now



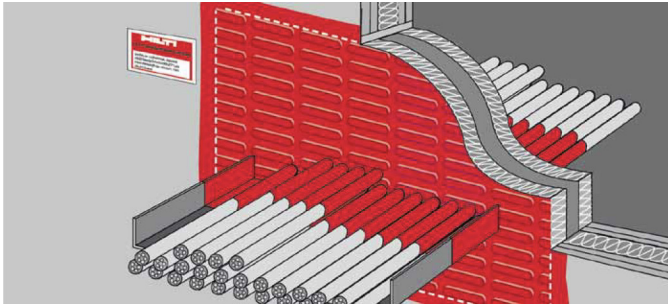
Watch Video



Ordering designation	Weight	Sales pack quantity	Item number
ROCK WOOL 1.2X0.6-50/D160	-	5 pc	3435517
CP 670 6kg	6 kg	1 pc	2281088

Please visit Hilti website for the latest item numbers and related products

Firestop board CP 670



APPLICATIONS

- Permanent firestopping of blank openings, cables, cable trays, non-combustible and combustible pipes in medium-to-large wall and floor openings
- Ideal for large openings

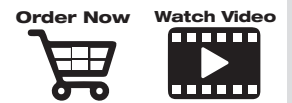
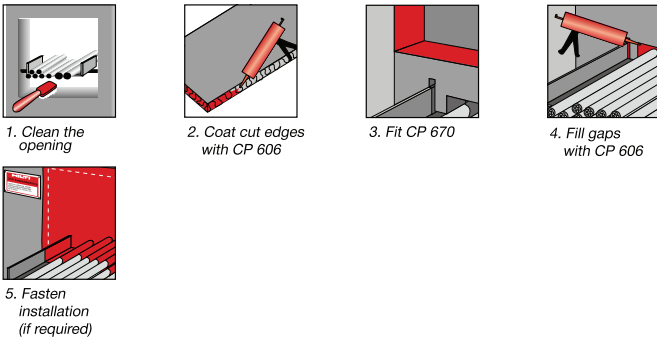
ADVANTAGES

- Board pre-coated for immediate use
- Virtually no cracking or delamination during cutting
- Broad approval range

Technical data	
Base materials	Drywall, Concrete, Masonry
Dimensions (LxWxH)	1200 x 600 x 50 mm
Approx. board density	160 kg/m ³
Application temperature range	5 - 40 °C
Temperature resistance range	-40 - 100 °C
Storage and transportation temperature range	0 - 40 °C
Colour	White



Application Procedure



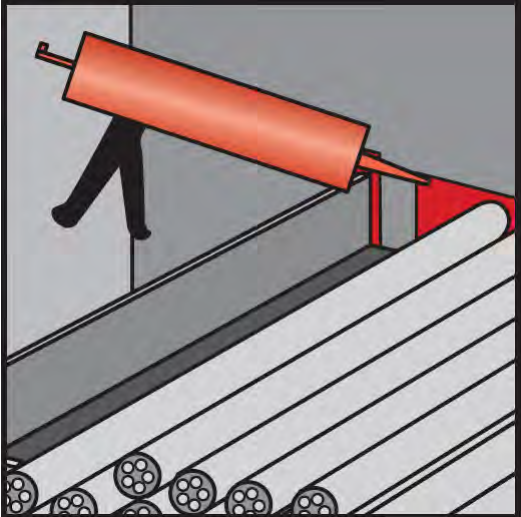

Ordering designation	Dimensions (LxWxH)	Sales pack quantity	Item number
CP 670 1200x600x50 white	1200 x 600 x 50 mm	16 pc	236673

Please visit Hilti website for the latest item numbers and related products

Subject: Method Statement of CP 670

Material: CP 670 Fire safety coating, Mineral wool board (density: 160kg/m³), CP 606 Firestop sealant, Precoated Firestop Acoustic Board CP 670-50.

Setting Operation		
1	<p>Clean the cables. The cables and cable supporting structures must be dry and free from dust, grease or oil, and installed in compliance with local building and electrical standards.</p>	
2	<p>Cut the mineral wool board to the required size. Coat the cut edges, surface of the opening and the joints between the panels with the Firestop sealant CP 606. Fit the mineral wool board tightly into the opening and fill any gaps with loose mineral wool.</p>	
3	<p>Coat the Firestop coating CP 670 (required dry film thickness of 0.7mm). Use a brush, roller or airless sprayer to apply the Firestop coating to a wet film thickness of 1.1mm to achieve a dry film thickness of 0.7mm.</p>	

4	Fill the gaps and seal between the cables with the Firestop sealant CP 606.	 An illustration showing a worker in black clothing carrying a large orange roll of sealant on a shoulder. The worker is walking on a grey metal structure with several grey cables running parallel to the ground. The worker is positioned to apply the sealant to the gaps between the cables.
5	For maintenance reasons, a penetration seal could be permanently marked with an identification plate. In such a case, mark the identification plate and fasten it in a visible position next to the seal.	 An illustration showing a red wall with a grey metal structure in the foreground. A red sealant is applied to the wall. A white identification plate with a red border and the HILTI logo is fastened to the wall next to the seal. The plate contains the following text: 'HILTI CP 671 Brandschutzbeschichtung', 'Lage: an Lüftungsluke, 100cm WE', 'Zustellung: 05.08.2019, 08:00 Uhr', 'Anwendung: 05.08.2019, 10:00 Uhr', 'Mitarbeiter: 123456789'. A dashed white line indicates the boundary of the sealant application.

Safety precautions:

- Ensure adequate ventilation
- Wear protective clothing
- Aware of particular danger of slipping on leaked or spilled product.



檢測報告

No. 2018-A61

試件名稱： CP670 Firestop Acoustic Board

報告發送致送檢單位：

送檢單位： Hilti (Hong Kong) Ltd.

(已取代原報告：No. 2016-A31)

複檢日期(第二次)： 2019年04月24日

再次複檢日期： 2022年04月24日

澳門大學



檢測報告

No: 2018-A61

試件名稱	Hilti Firestop Acoustic Board CP670
送檢單位名稱	Hilti (Hong Kong) Ltd.
試件製造商	Hilti
試件產地	德國
試件型號規格	塗料顏色：白色 密度：約 1.41 kg/m ³ 施工溫度：-5°C 至 40°C 安裝後適用溫度：-40°C 至 100°C 表面固化速度：約 2 至 3 小時
送樣日期	2008 年 11 月 24 日
送檢時附上報告	Warrington Fire Research Centre Ltd. 報告號碼：WFRC No. 130025；WFRC No. 175555 (Issue 2)
檢測項目	防火填充材料耐火性能
檢測依據	BS476- 20: 1987
檢測日期	2008 年 12 月 1 日
檢測結論	經檢驗，此防火塗層板系統的耐火隔熱性達到 120 分鐘，耐火完整性達到 120 分鐘。但本試件只適用於填充的用途，而不可作為一整幅間隔牆體使用。

檢測人員，

審核，

黃傑勇
實驗員

譚立武
澳門大學機電工程系教授
澳門發展及質量研究所理事會理事長

1 檢測目的

- 1.1 根據英國標準 BS476 第 20 部分：1987，測試 CP 670 防火塗層板系統之耐火性能。

2 引言

- 2.1 根據送檢單位的要求，防火塗層板系統之耐火測試需滿足英國標準 BS476 第 20 部份：1987 之要求。
- 2.2 試件由送檢單位於 2008 年 11 月 24 日安裝，並於 2008 年 12 月 1 日進行測試。
- 2.3 試件之向火面及背火面由送檢單位指定。

3 試件構造

- 3.1 試件主要由防火塗層板、線槽及電纜等所組成。主要試件尺寸為 1000mm (W) × 1000mm (H) × 100mm(Thk.)的防火塗層板，多條電纜並排安放於線槽上並穿過該防火塗層板系統，電纜及線槽的長度約為 400 mm，試件之外觀及試件組成部分可參考送檢單位所提供之圖 1 至圖 2。詳細圖則及試件構造可參照附錄 A。
- 3.2 本報告所繪製之圖則及試件組成部份是根據送檢單位所提供的資料而作。試件之厚度、外觀及組成部份已由本實驗室檢測員檢查。

3.3 試件由送檢單位送樣並安裝於檢測框上進行測試，該檢測框由本實驗室提供。

3.4 試件在檢測前幾天內安裝完畢。

4 測試設備及程序

4.1 測試設備按照英國標準 BS476 第 20 部份：1987 的要求設置。

4.2 爐體內部之平均溫度值由平均分佈於爐內的熱電偶取得，根據英國標準 BS476：第 20 部分：1987 所指定之溫度時間關係而操控升溫。溫度時間記錄圖見附錄 B 之圖 5。

4.3 爐體內設有壓力計以監察爐體壓力。

4.4 試件背火面設有 7 個熱電偶以作監察溫度之用，熱電偶分佈位置附錄 A 之圖 3 及圖 4。試件背火面所有熱電偶均用作判斷試件的耐火隔熱性。

4.5 測試過程中，棉墊及縫隙測量探棒用作評估試件的耐火完整性。

4.6 測試過程中，應記錄試件的變形情況和試件出現全部或部分毀壞時的時間。試件背火面如有火焰並持續 10 秒或以上，以及有煙散發出的情況也應記錄。

4.7 試件背火面及試件向火面於測試前後需拍照記錄。測試過程中，需拍照及用攝錄機記錄試件背火面情況以作日後評估之用。

5 測試數據及資料

- 5.1 測試過程所記錄之數據可參考附錄 B，記錄內容如下：
- 5.1.1 實際爐溫按照英國標準 BS476：第 20 部分：1987 所指定溫度時間關係圖。
- 5.1.2 由熱電偶所記錄試件背火面的溫度。
- 5.2 在測試過程中，試件的實驗狀況已詳細記錄於附錄 C 中以供參考。
- 5.3 有關試件圖片，見附錄 D。
- 5.4 測試開始時周圍環境溫度為 18°C。
- 5.5 在送檢單位的同意下在 120 分鐘終止本試件整個測試。

6 耐火極限之評定條件

- 6.1 按英國標準 BS476 第 20 部份：1987 之標準，試件之耐火表現將會根據以下之條件作評定：
- 6.1.1 耐火完整性 – 當測試過程中，i) 在試件之背火面進行棉墊點燃測試；ii) 如試件背火面出現較大的裂縫，用 6mm 及 25mm 直徑之量測棒來量測裂縫之寬和深度。如棉墊沒有被試件背火面之高溫點燃及試件背火面未出現能讓量測棒插入貫通之裂縫，試件之耐火完整性才被判斷為合格。
- 6.1.2 耐火隔熱性 – 試件背火面最高平均溫度升幅不得超過 140°C 及單點溫度升幅不得超過 180°C。

7 結論

- 7.1 根據 BS476 英國標準第 20 部分對防火填充材料所制定的準則 - 耐火完整性及耐火隔熱性，評估試件的耐火性能測試結果如下：

耐火隔熱性	120 分鐘
耐火完整性	120 分鐘

8 限制說明

- 8.1 本測試結果僅反映特定測試條件下，建築構件之試驗情況。此測試結果並非判斷試件在實際應用時防火特性的唯一標準，同時亦不反映試樣在實際火場上所能表現的防火性能。
- 8.2 本試驗結果只反映與報告相同之物料、結構、厚度及安裝方法之系統，如將此試驗結果應用於試件組合型式不同的情況時，應按照實際設計而作出相應之評估。
- 8.3 檢測報告僅對送檢試件負責。

附錄 A
試件構造說明及附圖

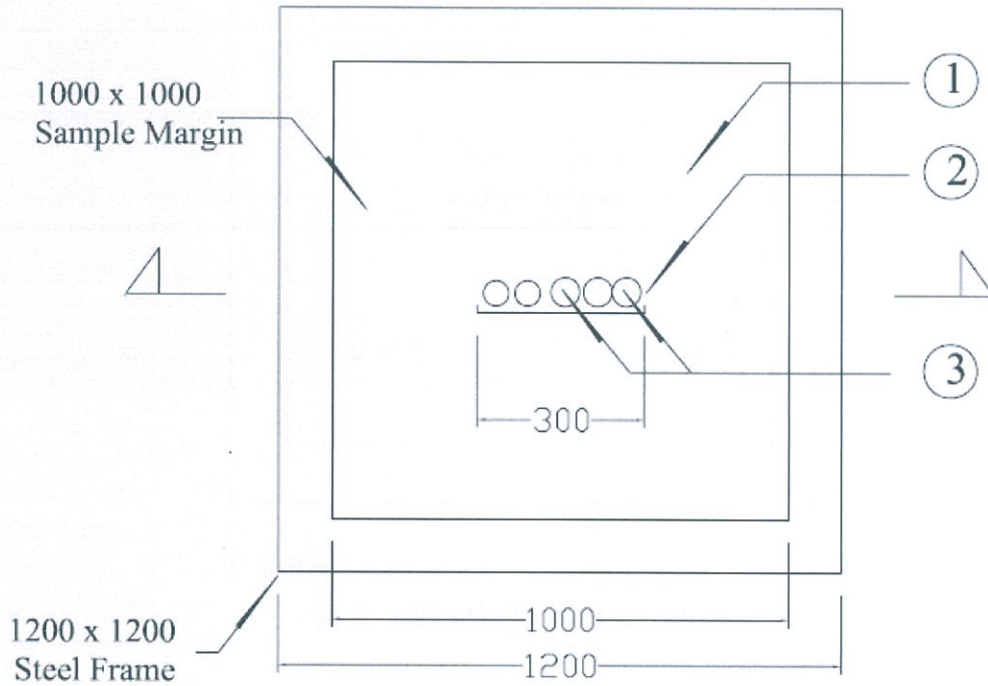


圖 1 測試試件之正視圖

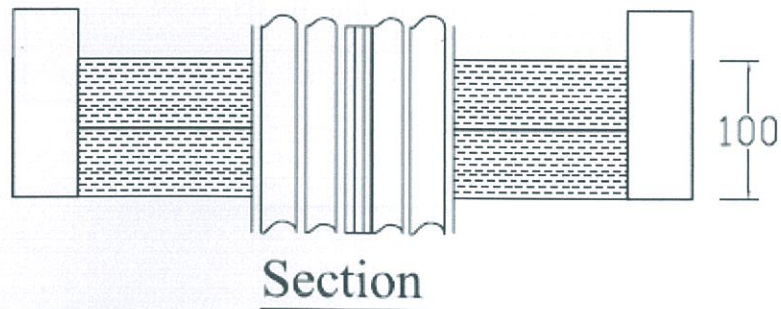
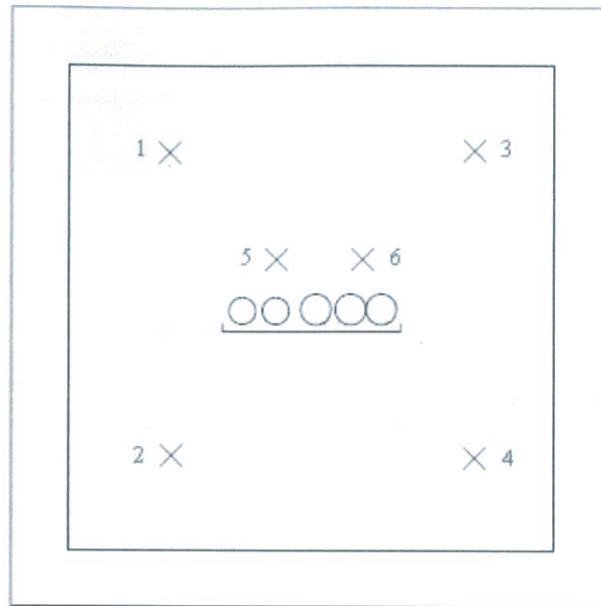


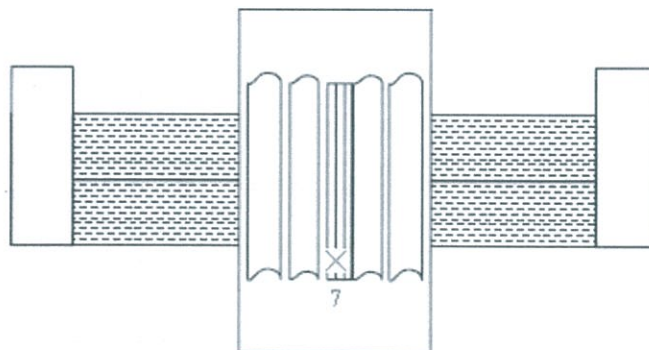
圖 2 測試試件之截面圖

[Handwritten signature]



X: 熱電偶

圖 3 測試試件之熱電偶位置圖一



X: 熱電偶

圖 4 測試試件之熱電偶位置圖二

[Handwritten signature]

試件組件資料

(參照附錄 A 之圖 1 至圖 2)

(除非有特別指定，否則全部數值都為理論值)

(全部資料和數值由送檢單位 Hilti (Hong Kong) Ltd.提供，本實驗室並沒有求證有關數值)

表 1 試件組件資料列表

項目	組件	描述
1.	Firestop Acoustic Board	品牌：Hilti 型號：CP670 試件尺寸：1000mm(W) × 1000mm(H) × 100mm(Thk.) 塗料顏色：白色 密度：約 1.41 kg/m ³ 施工溫度：-5°C 至 40°C 安裝後適用溫度：-40°C 至 100°C 表面固化速度：約 2 至 3 小時 基礎材質：混凝土、石膏板、磚石
2.	Cable Tray	尺寸：300mm wide × 10mm deep 厚度：0.7mm Extend：200mm (both sides) 材質：Perforated galvanized mild steel
3.	Electric Cable	型式：16 core screened plastic sheathed cable bundle 總直徑：φ11mm 材質：Copper

附錄 B
測試數據

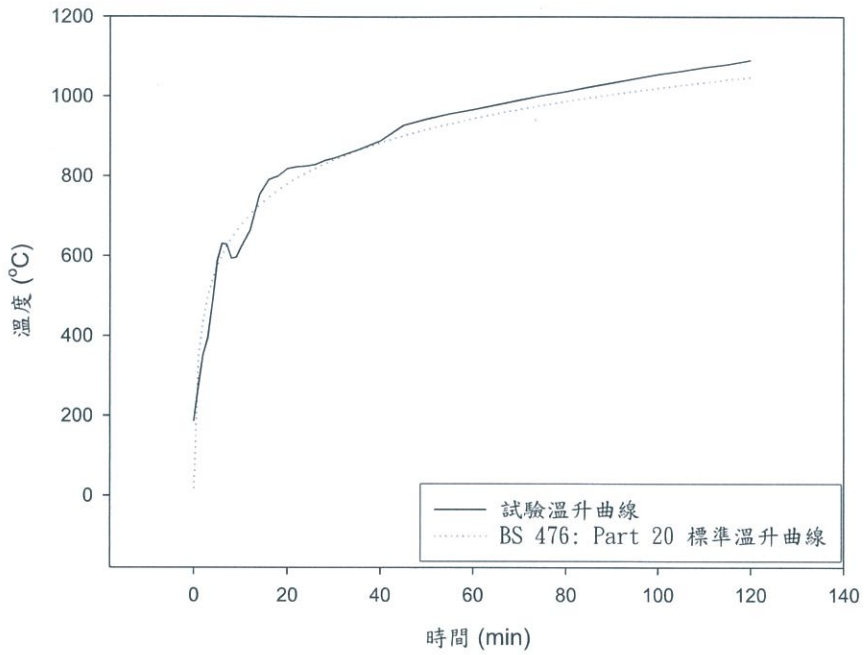


圖 5 平均爐溫與標準(溫度/時間)曲線圖

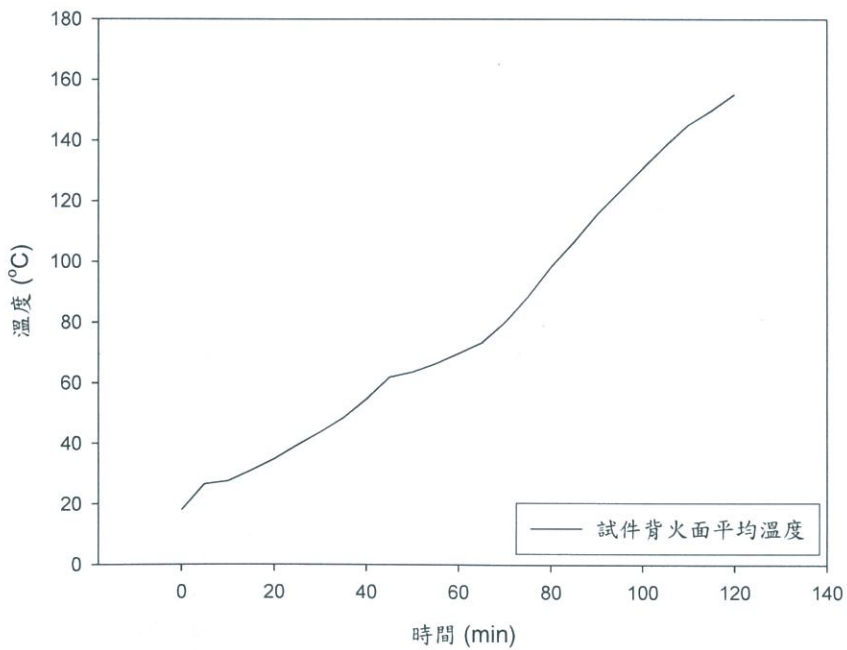


圖 6 試件背火面平均溫度/時間曲線圖

Handwritten initials

表 2 平均爐溫與標準溫度之比較

時間 (min)	標準爐內溫度 (°C)	爐內平均溫度 (°C)	標準允許公差 (%)	實際允差 (%)
0	20.00	185.40		
1	349.21	274.97		
2	444.50	353.10		
3	502.29	393.57		
4	543.89	483.53		
5	576.41	587.50		
6	603.12	630.83		
7	625.78	628.53		
8	645.46	593.90		
9	662.85	595.90		
10	678.43	620.37	±15	-3.84
12	705.44	664.10		
14	728.31	753.40		
16	748.15	790.73		
18	765.67	800.43		
20	781.35	818.13		
22	795.55	823.40		
24	808.52	824.93		
26	820.45	829.00		
28	831.50	838.90		
30	841.80	845.00	±10	3.12
35	864.80	865.03		
40	884.74	888.70		
45	902.34	927.83		
50	918.08	943.43		
55	942.83	956.70		
60	945.34	967.27		
65	957.31	978.83		
70	968.39	990.73		
75	978.71	1002.17		
80	988.37	1012.27		
85	997.44	1023.87		
90	1005.99	1034.33		
95	1014.08	1045.17		
100	1021.75	1055.33		
105	1029.06	1063.80		
110	1036.02	1073.13		
115	1042.67	1080.43		
120	1049.04	1090.63	±5	3.24

表 3 試件背火面單點及平均溫度

時間 (min)	單點熱電偶溫度 (°C)							平均溫度 (°C)
	1	2	3	4	5	6	7	
0	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
5	30.20	25.20	31.00	23.80	24.70	25.10	26.30	26.61
10	25.10	24.20	27.30	24.80	25.40	26.70	39.40	27.56
15	26.20	24.70	26.00	23.50	29.70	30.60	57.00	31.10
20	25.90	24.30	26.30	24.80	32.50	34.20	75.60	34.80
25	27.30	27.70	27.80	27.20	37.50	39.10	89.10	39.39
30	31.70	28.70	30.90	27.50	42.20	43.70	100.90	43.66
35	34.70	32.20	33.50	31.30	51.10	50.00	105.70	48.36
40	42.80	40.60	42.50	34.00	54.40	56.50	110.80	54.51
45	53.70	47.10	53.10	44.40	61.50	59.60	113.20	61.80
50	52.40	49.60	53.60	47.50	62.10	62.70	116.70	63.51
55	56.10	56.60	53.30	50.40	61.80	64.40	121.20	66.26
60	60.60	57.90	60.90	56.10	63.60	66.10	122.80	69.71
65	66.10	62.20	63.10	58.80	64.70	71.20	125.90	73.14
70	79.00	67.50	78.00	61.00	71.60	75.20	126.60	79.84
75	95.50	73.10	95.30	67.90	75.80	82.00	129.30	88.41
80	112.10	81.20	113.50	71.20	85.30	92.30	132.20	98.26
85	131.10	86.90	125.00	76.60	94.30	97.60	134.10	106.51
90	143.00	93.80	133.40	85.10	107.20	108.80	137.10	115.49
95	153.10	100.40	143.40	92.90	114.30	118.30	139.30	123.10
100	160.60	106.40	154.30	101.80	126.00	123.50	143.60	130.89
105	168.00	112.40	162.60	107.90	133.80	139.10	144.30	138.30
110	175.70	116.70	171.90	113.40	145.10	146.10	147.00	145.13
115	177.70	119.40	173.70	121.80	148.70	157.10	150.30	149.81
120	184.50	123.30	183.50	125.10	157.20	160.10	152.90	155.23

附錄 C

觀察情況

表 4 測試過程中，觀察試件情況如下

時間 (小時:分鐘)	事件
-0:01	攝錄機、監察和操控儀器啓動。
0:00	開啓石油氣閥，測試開始。周圍環境溫度為 18°C。
0:10	試件背火面線槽位置有少量煙滲出。
0:30	試件背火面沒有顯著變化。
1:00	試件背火面沒有顯著變化。 試件之耐火完整性及耐火隔熱性仍能符合標準。
1:30	試件背火面沒有顯著變化。 試件背火面線槽位置有少量煙滲出。
1:50	試件背火面沒有顯著變化。
2:01	在送檢單位同意情況下，測試結束。 試件之耐火完整性及耐火隔熱性仍能符合標準。
備註	試件背火面結構仍完整(見圖 14)

附錄 D

圖片

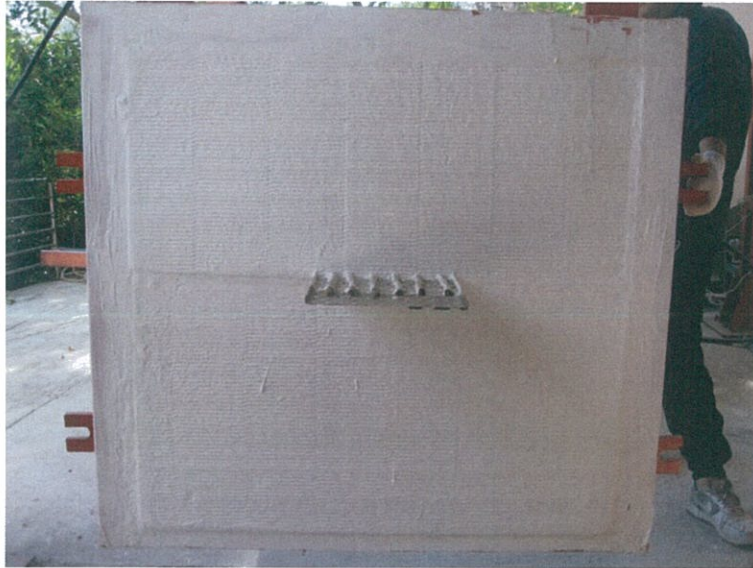


圖 7 測試前試件向火面



圖 8 測試前試件背火面



圖 9 測試 15min 試件背火面

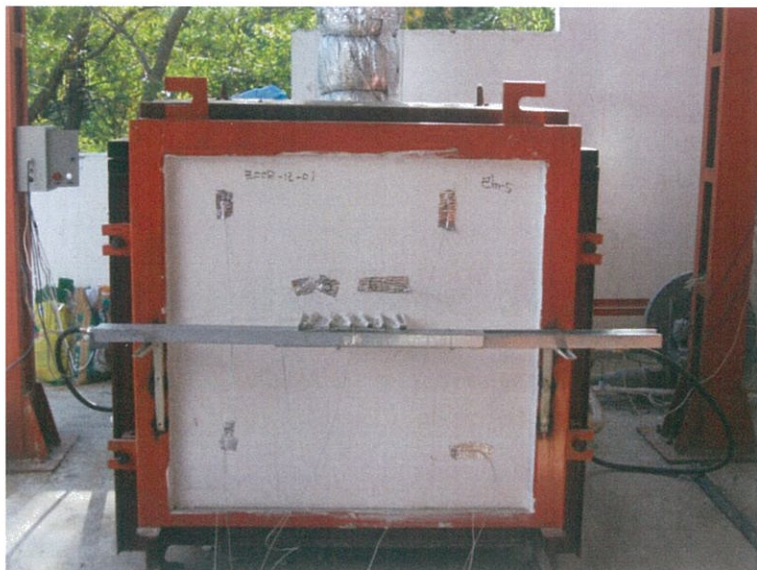


圖 10 測試 30min 試件背火面

Handwritten signature or mark

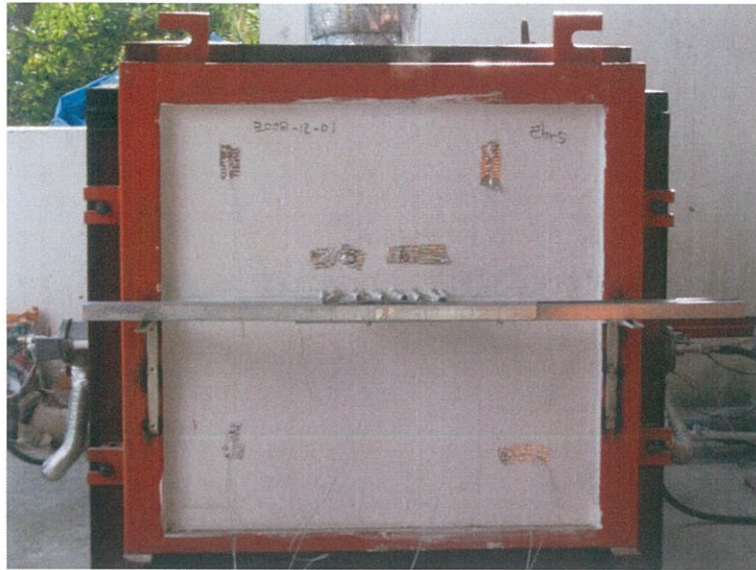


圖 11 測試 60min 試件背火面



圖 12 測試 90min 試件背火面



圖 13 測試 90min 試件背火面大樣圖

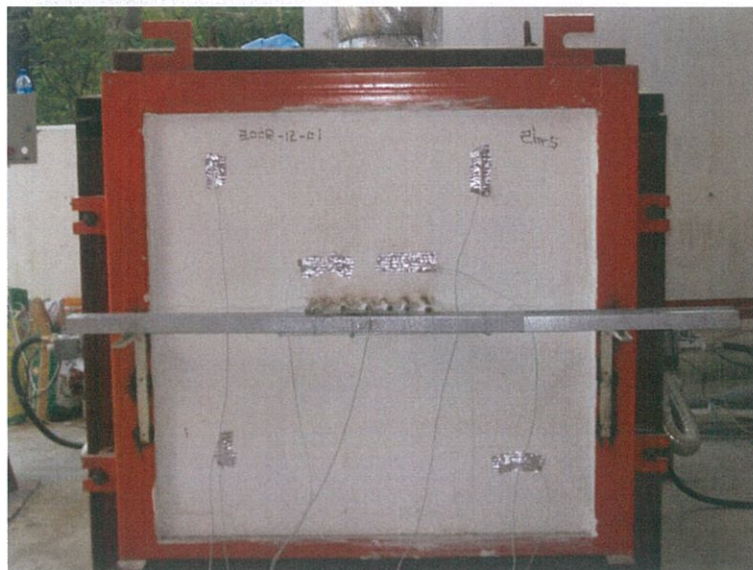


圖 14 測試 120min 試件背火面

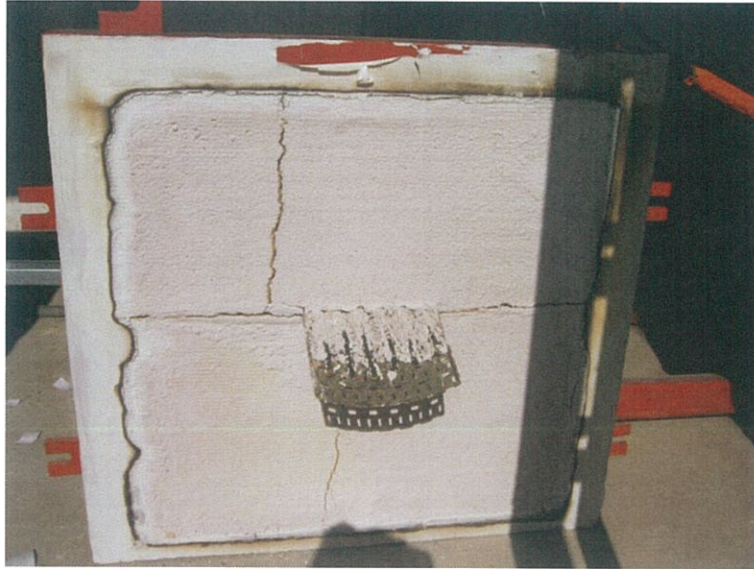


圖 15 測試後試件向火面



圖 16 測試後試件向火面大樣圖

-----報告結束-----



88 Empire Drive • St. Paul, Minnesota • 55103
 (651) 642-1150 • fax (651) 642-1239

VOC Content Test Certificate

Friday October 23, 2009

Supplier: Hilti Entwicklungsgesellschaft mbH
 BU Chemicals
 Hiltistrasse 6
 86916 Kaufering
 GERMANY

Sample Description: Hilti CP 670

Date tested: July 20, 2009

Test Method: SCAQMD method 304-91 Determination of Volatile Organic Compounds (VOC) in various materials as referenced by South Coast Air Quality Management District (SCAQMD) rule 1168. The values also comply with the requirements of EPA test method #24.

Test Data: Legend Project Number 0903311

Specification	Product
LEED 2009 (LEED 3.0) LEED 2.2 IEQ-4.1: Low-Emitting Materials – Architectural Paint , Non Flat	Hilti CP 670
Green Building Council of Australia Green Star Office Design 3.0, IEQ-13 Green Star Office Design 2.0, IEQ-13 Green Star Office Interiors 1.1, IEQ-11	
Architectural Paint, Non Flat; VOC Limit: 150 g/L	
Product contains: 38 g/L of VOC	

William Welbes
Vice President of Laboratory Operations

Digitally signed by Al Noreen
DN: cn=Al Noreen, o, ou,
 email=anoreen@legend-
 group.com, c=US
 Date: 2009.10.30 14:01:12 -05'00'

Allen Noreen, Ph.D.
Technical Director



澳門特別行政區政府
 Governo da Região Administrativa Especial de Macau

消防局
 Corpo de Bombeiros

意見書

頁編號 1/1
 Pág. n.º
 文件編號 109/DT/SEL/2009
 Inf. n.º
 日期: 06 07 2009
 Data

核閱
 Visto

於 14, 7, 2009
 Em
 技術廳廳長
 O Chefe do D.T.

事由： 要求審批喜利得防火延燒產品 - CP660 Firestop Foam、CP617 Intumescent Acoustic Putty Pad、CP670 Firestop Acoustic Board

參件編號： 喜利得(香港)有限公司來函：ML09024，ML09025，ML09026
 進入編號：7257(19/06/2009)
 意見書編號：561/DT/SEL/2009，560/DT/SEL/2009

於 19/06/2009 收到喜利得(香港)有限公司交來上述文書及其附錄文件，本局之意見如下：

Ø1. 根據交來之資料分析，本局對 CP660 Firestop Foam、CP617 Intumescent Acoustic Putty Pad 及 CP670 Firestop Acoustic Board 使用於符合《防火安全規章》規範的標準時沒有異議。然而，當上述物料在落實個案使用時，應徵詢權限部門(土地工務運輸局)之最終意見。

二零零九年六月三十日於澳門消防局，於技術廳研究暨試驗科

梁兆富
 消防員



Certificate of Compliance

This certificate is issued for the following firestopping products:

- | | |
|--|---------------------------------|
| FS-ONE High Performance Intumescent Firestop Sealant | CP 643N Firestop Collar |
| CP680 Cast-In Firestop Device | CP606 Flexible Firestop Sealant |
| CP680-N Cast-In Firestop Device | CP-672 Firestop Joint Spray |
| CP680-P Cast-In Firestop Device | CP620 Firestop Foam |
| CP682 Cast-In Firestop Device | CP680-M Cast-In Firestop Device |
| CP 648E Wrap Strip | CP 675T Firestop Board |
| CP617 Firestop Putty Sticks | CP618 Firestop Putty Sticks |
| CP601 S Elastomeric Firestop Sealant | CP619T Putty Roll |
| CP636 Firestop Mortar | CP670 Firestop Board |
| CP 604 Self Leveling Firestop Sealant | CP673 Firestop Coating |
| CP611A High Performance Intumescent Firestop Sealant | |

Prepared for:

Hilti AG
Feldkircherstrasse 100
FL-9494 Schaan
Liechtenstein

FM Approvals Class: 4990

Approval Identification: 3051456

Approval Granted: June 4, 2014

To verify the availability of the Approved product, please refer to www.approvalguide.com.

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

Cynthia E. Frank
AVP - Manager, Materials
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



Issued: June 30, 2016

Attn. : To whom it may concern

Date : 8 March 2024
Ref. : 035/FP/DY/24

Subject : Country of Origin- Hilti CP 670 Firestop Coating System

Dear Sir / Madam,

Enclosed please find the information of Hilti CP 670 Firestop Coating System.

Brand Name : Hilti

Model Name : Hilti CP 670 Firestop Coating System

Manufacturer : Hilti Corporation

Address of Manufacturer : FL-9494, Principality of Liechtenstein.

Manufacturer Contact Person : Dennis Yeung

Supplier : Hilti (Hong Kong) Ltd

Address of Supplier : 701-704, 7/F, Tower A, Manulife Financial Centre,
223 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong

Supplier Contact Person : Dennis Yeung (+852 9723 4621)

Country of Origin : *(Attached)*

Should you have further questions, please do not hesitate to contact our Technical Representatives, Customer Service Hotline at 8228-8118, or email us at hksales@hilti.com.

Yours Faithfully,



Dennis Yeung
Head of Product Leadership Strategy, F&P

Item number	Model Name	Country of Origin
2281088	Firestop coating CP 670 6kg	Germany
236673	CP 670 1200x600x50 2S white	Poland

7th Mar 2019

To Whom It May Concern:

Re: Hilti Coated Board System CP 670 – LEED Info.

- The Hilti Coated Board System CP 670 is manufactured in Germany.
- The package of Hilti Coated Board System CP 670 can be completely recycled.
- There is no recycled content in Hilti Coated Board System CP 670 and it cannot be recycled.
- The Hilti Coated Board System CP 670 does not share any rapidly renewable materials.
- The VOC content of Hilti Coated Board System CP 670 is 38g/l.

If you would like to know more about Hilti solutions for LEED buildings or should you have any further question please feel free to contact me at my email or mobile number as shown below.

Yours sincerely,



Dorothy Wai
Product Manager
Hilti (Hong Kong) Limited
M +852-9723 1157 | **F** +852-2764 3234 | **E** dorothy.wai@hilti.com
<http://www.hilti.com.hk>

To whom it may concern

Date: 22nd April 2016

Dear Sir / Madam,

Subject: Hilti Firestop Products non-CFC and Ozone Confirmation

Referring to your enquiry about the captioned subject, please be advised that:

Hilti firestop products, CP670 Firestop Acoustic Board is free of CFC, HCFC nor other ozone depletion elements.

CFC, HCFC and ozone depletion elements were not used during the product process neither.

Should you have further questions, please do not hesitate to contact our Technical Representatives or Customer Service Hotline at 8228-8118.

Yours sincerely,



Andrew Lau
Product Manger

Material Information Statement

Articles

According to Regulation (EC) 1907/2006, Article 32
Revision: 07.04.2020

Version: 18

1 Identification of the articles and of the company undertaking

1.1 Product identifier

Trade name:

- Firestop Bandage CFS-B / CP 646
- Firestop Back Pan Strip CFS-BPS
- Firestop Block CFS-BL / CFS-BL P
- Firestop Board CP 675
- Firestop Boot CFS-BO
- Firestop Box Insert
- Firestop Cable Collar CFS-CC / CFS-RCC / CFS-RCC EXT
- Firestop Cable Module CFS-T
- Firestop Cast-in device CP 680 / CP 681 / CFS-CID / CFS-CID MD P/M
- Firestop Coated Board CFS-CT B / CP670 / CP673 / CP676
- Firestop Collar CFS-C / CFS-C P
- Firestop Collar CP 643 / CP 644
- Firestop Composite Sheet CFS-COS
- Firestop Cord CFS-CO
- Firestop Cushion CP 651N
- Firestop Drop-In Device CFS-DID
- Firestop Edge of Slab QuickSeal CFS-EOS QS
- Firestop Endless Collar CFS-C EL
- Firestop Filler Module CFS-T FB
- Firestop Gangplate CFS-SL GP
- Firestop Module Box CFS-MB / CP 657
- Firestop Plug CFS-PL / CP 658
- Firestop Plug Seal CFS-T RR / CFS-T RRS
- Firestop Retrofit Sleeve CFS-SL RK
- Firestop Sleeve CP 645
- Firestop Sleeve Kit CFS-SL SK
- Firestop Speed Sleeve CFS-SL / CFS-SL GA / CP 653
- Firestop Top Track Seal CFS-TTS
- Firestop Top Track Seal CFS-TTS MD
- Firestop Top Track Cover CFS-TTS MD
- Firestop Top Track Plug CFS-TTS MD
- Firestop Top Track Seal CFS-TTS 212
- Firestop Top Track Seal CFS-TTS R
- Firestop Wedge Seal CFS-T WD120
- Firestop Wrap Strip CFS-W EL / SG / P / CP 648
- Foil Tapes CS-FT
- Intumescent façade cavity closer CP674
- Joint Sealing Tapes CS-JST
- Mineral Wool
- Mineral Wool Boards
- Multifunctional Tapes CS-MFT
- Pre-coated Mineral Wool Boards
- Smoke & Acoustic Track Seal CS-TTS SA
- Speed Plug CP 777
- Speed Strip CP 767

1.2 Application of the listed articles

Construction industry.

Refer to Hilti product literature, technical data sheets, 3rd party published listings and national approvals for specific application information. For more details, please contact your local Hilti organization through <http://www.hilti.group>

1.3 Manufacturer / Supplier

Hilti AG
Feldkircherstr. 100
FL-9494 Schaan
Liechtenstein

Customer Service
Phone +423 (0)844 84 84 85
Fax +423 (0)844 84 84 86

2 Other information

A Safety Data Sheet is not required due to the classification of these products as “articles” according to Regulation (EC) No. 1907/2006 of 18 December 2006 (EU) / 29CFR 1910.1200 (U.S.A.). Consequently, these products are exempted from CLP / OSHA Labeling and SDS requirements.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Informing department:
chemicals.hse@hilti.com



Hilti CP 670 Firestop Coating System Job Reference

Year	Project Name	Customer Name	Project type
2020	TKO LOHAS PARK PH9 (SITE J)	MAJESTIC ENGINEERING CO LTD	Residential
2020	FAN GARDEN POLICE STAFF QUARTERS	HUNS ENGINEERING COMPANY LIMITED	Residential
2020	VEHICLE EXAM CENTRE	MAJESTIC ENGINEERING CO LTD	Industrial
2020	6 SCIENCE PARK WEST AVE A&A	ASIA PIONEER ENGINEERING LIMITED	Education
2020	New - Hospitality - 302 Jockey Club Road, Fanling	SHUI ON CONSTRUCTION	Hospitality
2020	KWUNTONG YUE MAN SQUARE DEVELOPMENT	JUNEF AIR ENGINEERING CO. LIMITED	Residential
2020	New - Office - Section C Subsection 5 Section Q Tseung Kwan O Tow	HO LEUNG ENGINEERING CO LTD	Office
2020	HKIA AIRPORT SKYCITY REGAL HOTEL	FEI LUNG ENGINEERING CO LTD	Hospitality
2020	SHEUNG SHING ST HO MAN TIN(11257)	EFFORT ENGINEERING LIMITED	Residential
2020	TIN SHUI WAI AREA 112 LOT 33	KINTAT ENGINEERINGS COMPANY LIMITED	Residential
2021	CHUN YAT ST & CHUN CHEONG ST AMC	GAMMON E&M LIMITED	Office
2021	KAI TAK AREA 1F SITE 2, NKIL 6556	JUNEF AIR ENGINEERING CO. LIMITED	Office
2021	7 MUK TAI ST, KAI TAK 1K3 (6565)	EFFORT ENGINEERING LIMITED	Residential
2021	6 SCIENCE PARK WEST AVE A&A	ASIA PIONEER ENGINEERING LIMITED	Education
2021	New - Office - 65-69 Shek Pai Wan Road, Aberdeen	SANKO SETSUBI CO LTD	Office
2021	TUEN MUN HOSPITAL EXT	CHEVALIER (CONSTRUCTION) CO LTD	Health
2021	1-3 SHEK KOK RD, TKO AREA 85	ORIENTAL FOUNDATION DEVELOPMENT LTD	Residential
2021	KING LAM ST GOVT DATA CENTRE	ATAL ENGINEERING LIMITED	Office
2021	TAI WAI STATION NW RES	KIT YEE ENGINEERING CO., LIMITED	Residential
2021	SAI SHAN RD, TSING YI (190)		Residential
2021	TAIKOO PLACE PH 2B	HIP HING CONSTRUCTION CO LTD	Office
2022	SIU HONG, AREA 54 DD 132 TMTL 483	BOSEN E&M ENGINEERING LIMITED	Residential
2022	98 HOW MING ST	KIT YEE ENGINEERING CO., LIMITED	Office
2022	KING LAM ST GOVT DATA CENTRE	ATAL ENGINEERING LIMITED	Office
2022	36 WONG CHUK HANG RD	HUNS ENGINEERING COMPANY LIMITED	Industrial
2022	SIN FAT RD, KWUN TONG NKIL 6584	HIP HING CONSTRUCTION CO LTD	Residential
2022	4A-4P SEYMOUR RD	EFFORT ENGINEERING LIMITED	Residential
2022	KAI TAK AREA 4B, SITE 3, NKIL 6574	KOON WO ELECTRICAL DEVELOPMENT	Residential
2022	HKIA SKYCITY COMPLEX BLDG A2&A3	HANG FAI ELECTRICAL ENGINEERING LTD	Retail
2022	WONG CHUK HANG STATION PH2 (SITE B)	WANG FUNG ELECTRICAL AND	Residential
2022	WAN CHAI HOPEWELL CENTRE 2	KIT YEE ENGINEERING CO., LIMITED	Hospitality
2023	SIU HONG, AREA 54 DD 132 TMTL 483	ORIENTAL FOUNDATION DEVELOPMENT LTD	Residential
2023	SHING KAI RD, KAI TAK NKIL 6607	HUNS ENGINEERING COMPANY LIMITED	Hospitality
2023	KAI TAK AREA 4B, SITE 1, NKIL 6576	EFFORT ENGINEERING LIMITED	Residential
2023	KAI TAK AREA 4C, SITE 2, NKIL 6552	EFFORT ENGINEERING LIMITED	Residential
2023	KAI TAK AREA 4B, SITE 3, NKIL 6574	KOON WO ELECTRICAL DEVELOPMENT	Residential
2023	SIN FAT RD, KWUN TONG NKIL 6584	HIP HING CONSTRUCTION CO LTD	Residential
2023	New - Office - 65-69 Shek Pai Wan Road, Aberdeen	SANKO SETSUBI CO LTD	Office
2023	WAN CHAI HOPEWELL CENTRE 2	FEI LUNG ENGINEERING CO LTD	Hospitality
2023	25-29 KOK CHEUNG ST - SQUARE MILE PH 4	EFFORT ENGINEERING LIMITED	Residential
2023	KAI TAK SPORTS PARK	SEM RESOURCES LIMITED	Sport & Recreation