

ACOUSTIC (SOUND PROOF) & FIRE RATED

Product Specification



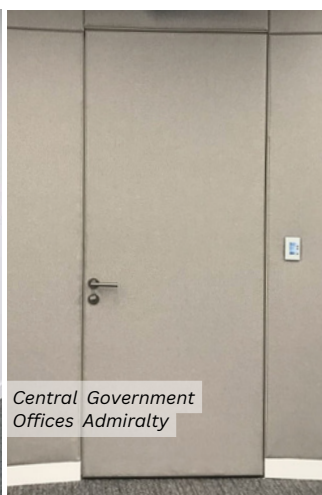
Model	AFDoor®-STC35	AFDoor®-STC43	AFDoor®-STC45	AFDoor®-STC47	AFDoor®-STC50			
STC/RW Rating ASTM E90 (BS EN ISO 717)	STC35 (RW35)	STC43 (RW43)	STC45 (RW45)	STC47 (RW47)	STC49 (RW50)			
Min. Thickness* (mm)	54mm	53mm	53mm	53mm	68mm			
*Vary to Selected Cladding								
Fire Rating** (Integrity /Insulation) BS EN 1634-1	FRR 60/60		/	FRR 120/120		/	FRR 240/240	
**Available on Request								



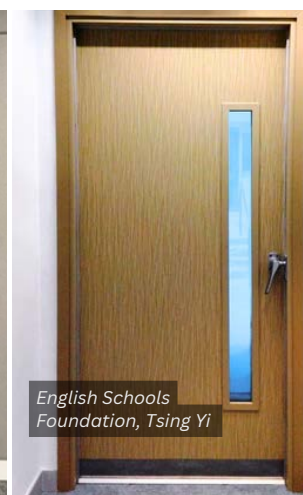
MODEL : AFDOOR-STC35



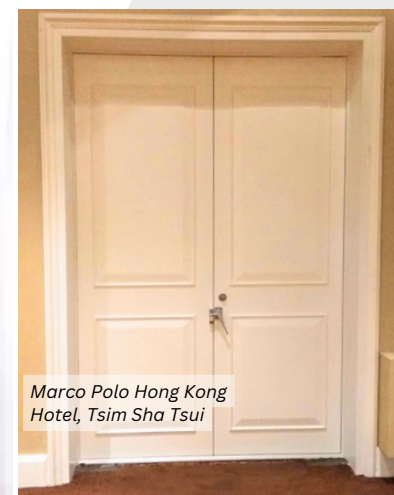
MODEL : AFDOOR-STC43



MODEL : AFDOOR-STC45



MODEL : AFDOOR-STC47



MODEL : AFDOOR-STC49 (RW50)



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Fire Rating
BS EN 1634-1

Smoke Control
BS EN 1634-3



ACOUSTIC (SOUND PROOF) & FIRE RATED

Product Specification



STC 隔音系數
Sound Rating

可聽到的等級
Level of Speech Heard

STC 30



可清楚聽到大聲對話
Loud Speech Understood

STC 35

可聽到大聲說話，但不清楚
Loud Speech Heard But Not Understood

STC 45



隱約聽到部分大聲說話
Some Loud Speech Barely Audible

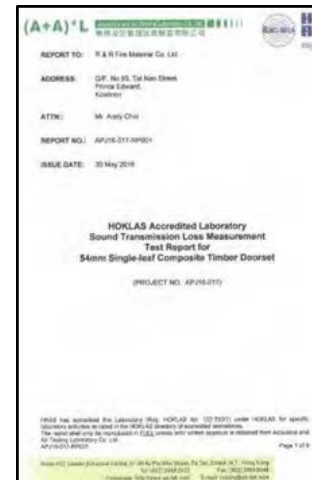
STC 47



需要很集中才能聽到大聲說話
Hearing strained to hear Loud Speech

STC 50

聽不到大聲說話
Loud Speech Not Audible



Front 新都城 Back



117A studio



上水御景峰
Royal Green



The Cullinan



馬鞍山迎濤灣
Marbella

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BS EN 1634-1

Smoke Control
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ACOUSTIC (SOUND PROOF) & FIRE RATED

Job Reference



Location : Wing On Centre

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Fire Rating
BS EN 1634-1

Smoke Control
BS EN 1634-3

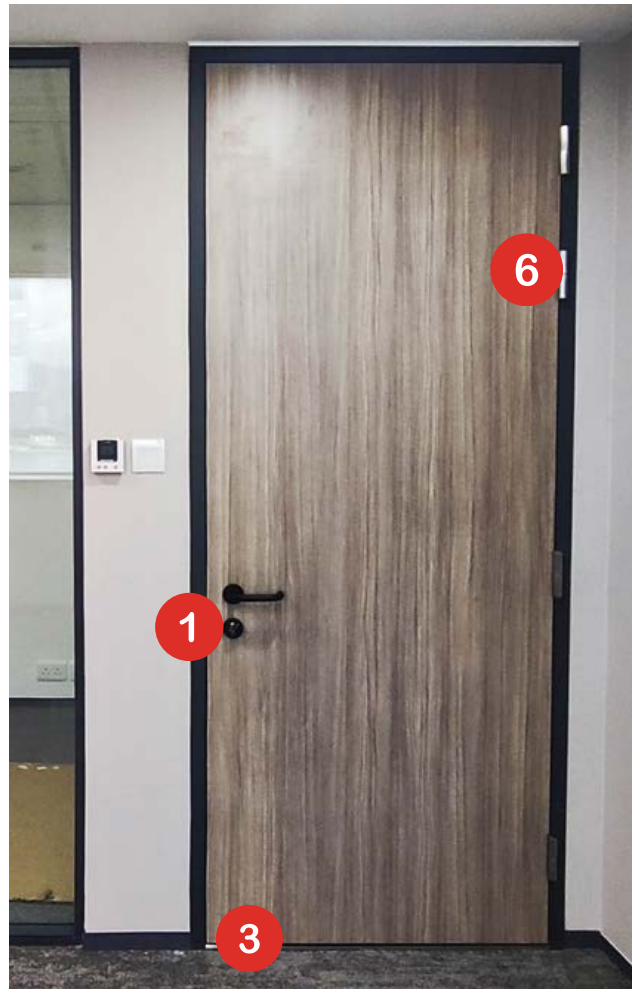


ACOUSTIC (SOUND PROOF) & FIRE RATED

Product Specification



Push side



Pull side

Available Parts (RED)

1. Lockcase
2. Handle
3. Drop Seal (Door Leaf Bottom)
No Air
Acoustic Threshold
4. Surface Mount Acoustic Rebate
(Door Frame)
5. Seal / Gasket (Door Frame)
6. Hinge



ACOUSTIC (SOUND PROOF) & FIRE RATED

Product Specification



Standard Ironmongery

1

Lockcase

Brand: Dorma

Model: 278a (Deadbelt function)

B/S : 70mm

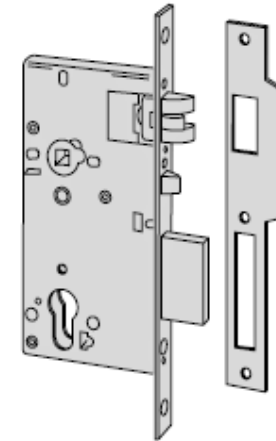


Lockcase

Brand: CISA (Italy)

Model: 52710 (Entrance door)

B/S : 70mm



2

Roller Tightening Handle

Brand: MIWA (Japan)

Model: RSH



Strike Plate



Lever Handle

Brand: Dorma

Model: ST6100



ACOUSTIC (SOUND PROOF) & FIRE RATED

Product Specification



Standard Ironmongery

3 Drop Seal (Door Leaf Bottom)

Brand: CCE (Italy)



ACOUSTIC PLUS (Cod. ASPLU)

Plunger type



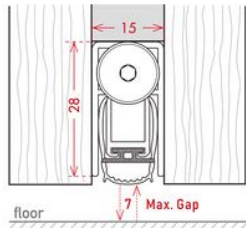
Adjustment by
3.5mm Hex Key

Gasket type



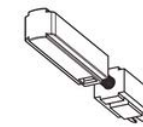
THERM
51 dB Rw
IFT Cert. n.
04 02 23.21 + Z11e

Fixing type



CHRONOSEAL (Cod. AS1530CHR)

Plunger type



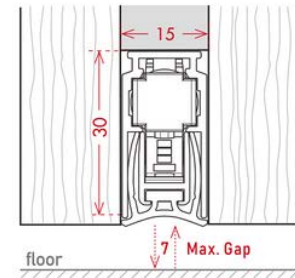
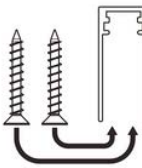
Adjustment by
3.5mm Hex Key

Gasket type



SIL
51.5 dB Rw
PB Z04
K06-04
en-01

Fixing type



CHRONOFLOOR (Cod. KITSOGCHR)

Threshold



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Smoke Control
BS EN 1634-3



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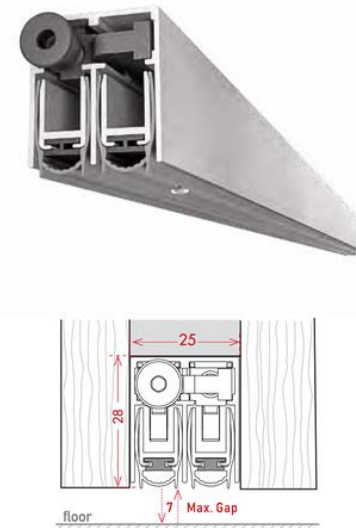
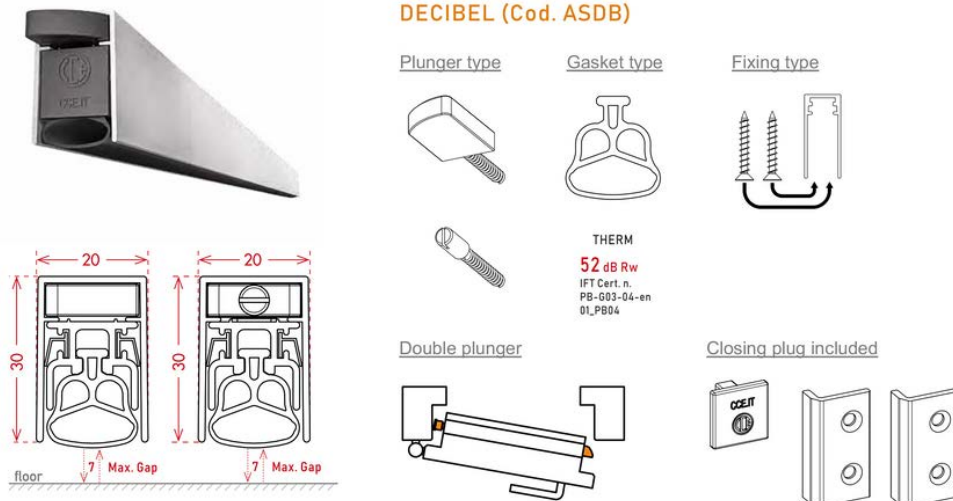
Product Specification



Standard Ironmongery

3 Drop Seal (Door Leaf Bottom)

Brand: CCE (Italy)



ACOUSTIC (SOUND PROOF) & FIRE RATED

Product Specification

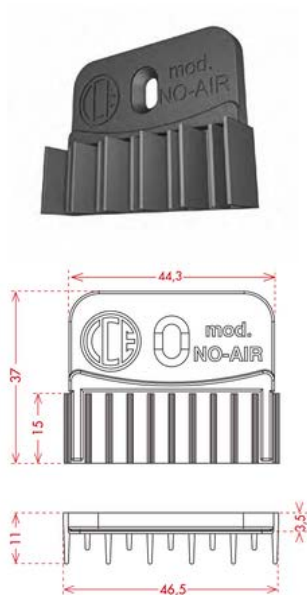


Standard Ironmongery

3

Accessories (Door Frame Bottom)

Brand: CCE (Italy)



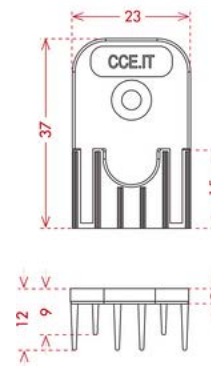
NO AIR (Cod. ACN0A)

Size: 44.3 x 37 mm



NO AIR WOOD 12 (Cod. ACN0AW12)

Size: 44.3 x 37 mm



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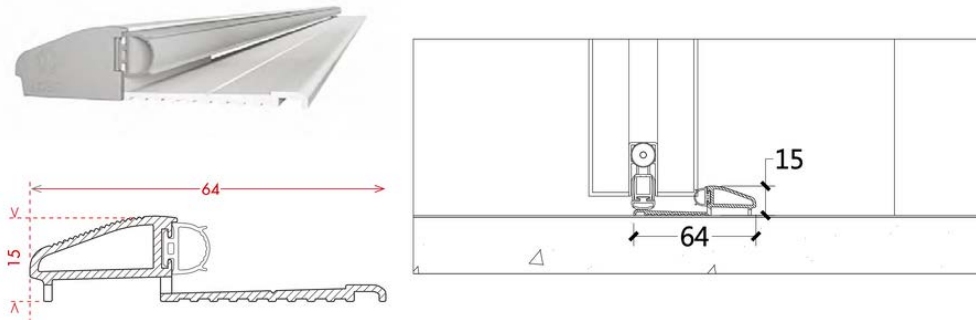


Standard Ironmongery

3 Acoustic Threshold

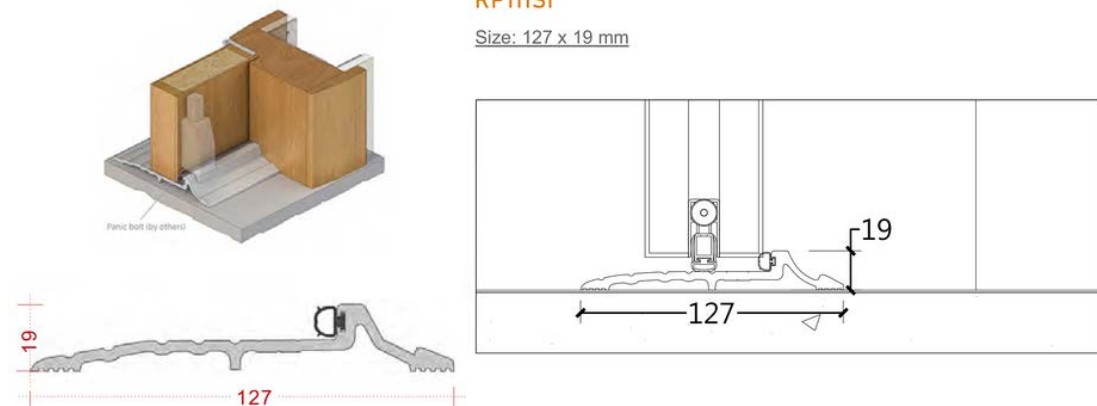
ULISSE LIGHT (Cod. KITULLIG)

Size: 64 x 15 mm



RP111SI

Size: 127 x 19 mm



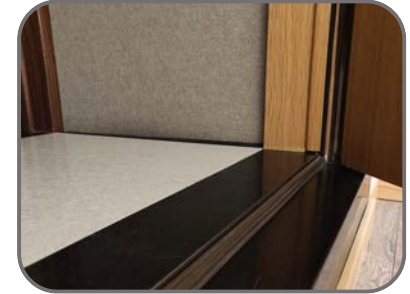
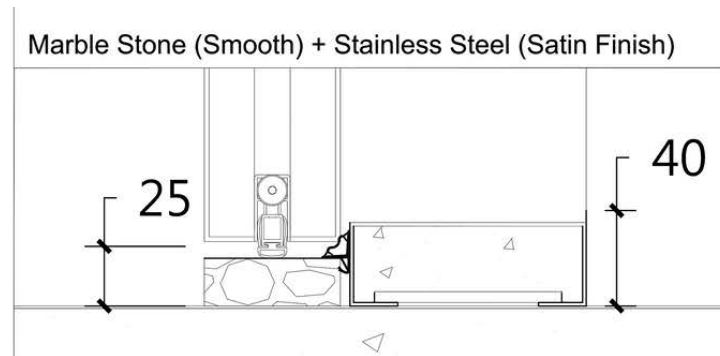
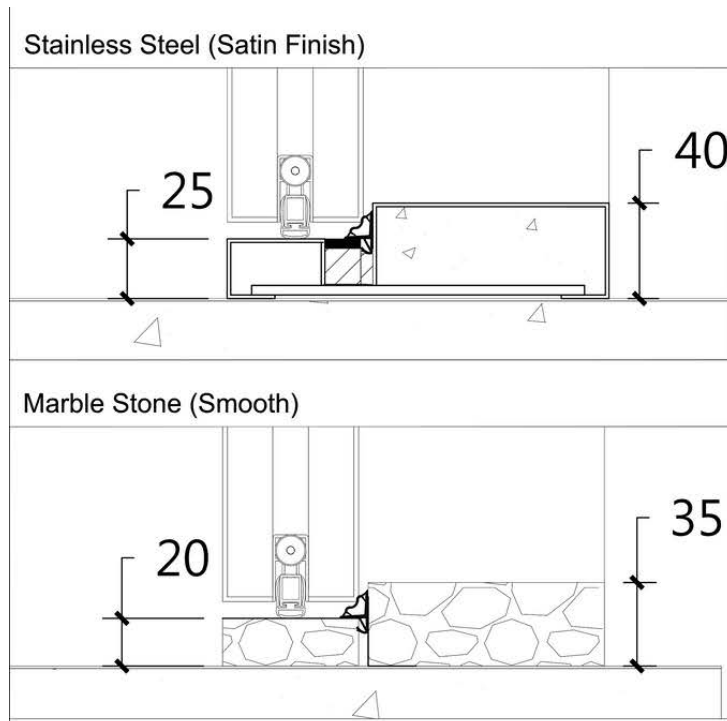
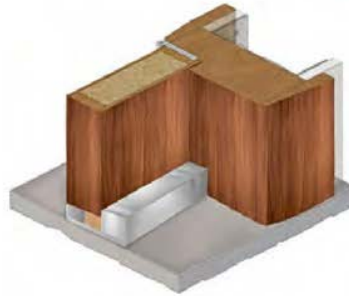
ACOUSTIC (SOUND PROOF) & FIRE RATED

Product Specification



Standard Ironmongery

3 Acoustic Threshold



Remarks備註:

- Flooring must be smooth in order to provide the best sound proofing performance
為提供最佳隔音效果，地台必須平滑



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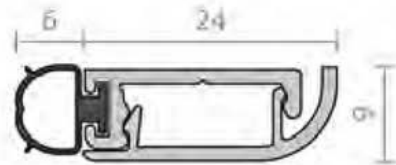


Standard Ironmongery

4 Surface Mount Acoustic Rebate (Door Frame)

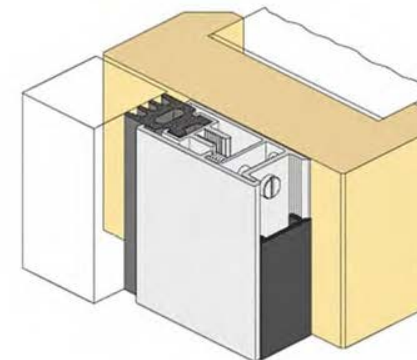
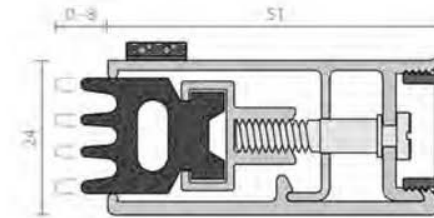
Model: RR-RP93SI

Materials : Aluminium (standard finish)
Silicon rubber - black (seal material)
Color : Sliver
Application: Door frame



Model: RR-RP24

Materials : Aluminium (standard finish)
Sponge EPDM (seal material)
Color : Sliver
Application: Door frame



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Product Specification



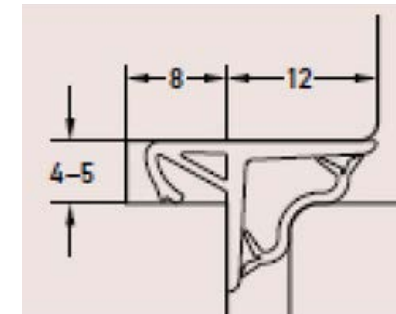
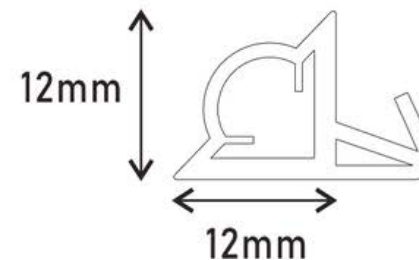
Standard Ironmongery

5 Seal / Gasket (Door Frame)

Brand: Deventer (Netherland)
Model: RR-DS12-18

DEVENTER

Origin : Netherland
Performance : Smoke and sound sealing
Materials : Silicone
Color : Brown & Grey
Application: Door frame
Fixing : Push-in locking



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Standard Ironmongery

6 Hinge

Model: ST550

Size: (L)150 x (Thk.)5.0mm (dia.22mm)

Description: S.S #304 / #316

Fixing screws: M6 Machine Screw



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Standard Ironmongery



Available Parts (*Orange*)

- 7. *Astragal Seal / Gasket*
(Double Leaf config.)
- 8. *Door Closer*



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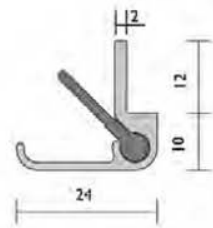


Standard Ironmongery

7 Astragal Seal / Gasket (Double Leaf config.)

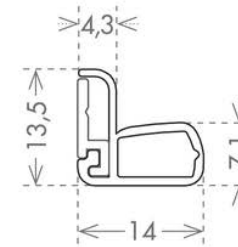
Model: RR-RP 16 SI

Materials : Aluminium (standard finish)
Silicon rubber - grey (seal material)
Color : Silver
Application: Meeting stiles



Model: UNIBLI 15

Materials : Aluminium (standard finish)
Silicon rubber - black (seal material)
Color : Black
Application: Door frame



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Standard Ironmongery

8

Door Closer

Model: Doma TS83

Finishing: Alum. Alloy



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BS EN 1634-1

Smoke Control
BS EN 1634-3



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Job Reference



Year	Project Name	Location	Main Contractor	Scope of Works
2023	Poly U-Library Extension and Revitalization at Pao Yue-Kong Library	Hong Kong Polytechnic University, 11 Yuk Choi Road, Hung Hom, Kowloon	Chinney Construction Co., Ltd.	Supply & Install STC/Rw50 Acoustic Doorsets
2023	Hong Kong Police College	1/F, Peter Moor Building, 18 Ocean Park Road, Wong Chuk Hang, Hong Kong	Architectural Acoustic Limited	Supply & Install STC/Rw35 Acoustic Doorsets Supply & Install STC/Rw49 Acoustic Doorsets
2022-2023	Marco Polo Hotel, Replacement of fire-rated door at the corner suite guestroom	13 Canton Road, Harbour City, Kowloon	Gateway Hong Kong	Supply & install FRR 60/60 Acoustic doorsets
2022	Concert Hall of Hong Kong City Hall	5 Edinburgh Place, Central	Kinetics Noise Control (Asia) Ltd	Supply & install Fire-Rated 120/120 Acoustic doorsets w/ STC50
2022	RTHK Office at Education Television Centre (ETC)	18/F AIA Kowloon Building, Landmark East, 100 How Ming Street	Yau Lee Construction Co., Ltd	Supply & install Fire-Rated 120/120 Acoustic doorsets w/ STC45&50
2022	Tsuen Wan District Health Centre for Health Bureau (HHB)	Shops 1-3, 5-7 & 12, 9/F, Plaza 88, 88 Yeung Uk Road, Tsuen Wan	Yau Lee Construction Co., Ltd	Supply & install Acoustic doorsets w/ STC47
2022	Office Accommodation for Legal Aid Department (LAD)	23/F, High Block, Queensway Government Office, 66 Queensway	Yau Lee Construction Co., Ltd	Supply & install Acoustic doorsets w/ STC45

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Year	Project Name	Location	Main Contractor	Scope of Works
2022	Wong Tai Sin District Health Centre for Health Bureau (HHB)	Shop 201a, 201b, 201c, 201d & 201e, 2/F, Block 1, Diamond Hill Public Housing Estates, Phase 1, Diamond Hill	Yau Lee Construction Co., Ltd	Supply & install FRR 60/60 Acoustic doorsets w/ STC47
2022	Hong Kong Baptist University	R/F, Crop Laboratory, Sir Run Run Shaw Building, Hong Kong Baptist University, 224 Waterloo Road, Kowloon- N.K.I.L. 4167 & N.K.I.L. 4167 R.P. Exts.	Yan Lee Construction Co., Limited	Supply & install Acoustic doorsets w/ STC50
2022	Renovation for an all-in one Learning Hub and Classroom at CVA 210, L2 of Lee Shau Kee Communication and Visual Arts Building (CVA)	Hong Kong Baptist University, Estates Office, Kowloon	Yan Lee Construction Co., Limited	Supply & install Acoustic doorsets w/ STC50
2022	Chiller Plant Replacement And Noise Enhancement Works	Langham Hotel 8 Peking Road, TST, Kowloon	Krueger Engineering (ASIA) Ltd.	Supply & install FRR 120/120 Acoustic doorsets w/ STC47
2022	Hong Kong Disneyland - Arendelle	Penny's Bay Lantau Island	Fuji (China) Decoration & Engineering Co Ltd	Supply & install FRR 60/60 & 120/120 Acoustic doorsets w/ STC50
2022	Hong Kong Disneyland - Arendelle	Penny's Bay Lantau Island	Hinrich International Ltd	Supply & install FRR 120/120 Acoustic doorsets w/ STC47

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Year	Project Name	Location	Main Contractor	Scope of Works
2022	HKBU-Communication and Visual Arts Building (CVA)	5 Hereford Road, Kowloon Tong, Kowloon	Right Perfect Engineering Limited	Supply & Install STC/Rw50 Acoustic Doorsets
2021	HKBU-Shaw Tower (SWT)	Shaw Campus, Hong Kong Baptist University 34 Renfrew Road Kowloon Tong, Kowloon	Right Perfect Engineering Limited	Supply & Install STC/Rw50 Acoustic Doorsets
2021	Sham Shui Po District Health Centre for Food and Health Bureau (FHB)	2/F, Mei Hei House, 52-58 Shek Kip Mei Estate, Sham Shui Po	Yau Lee Construction Co., Ltd	Supply & install Acoustic doorsets w/ STC47
2021	Tuen Mun District Health Centre for Food and Health Bureau (FHB)	1/F (Incl. Licenced Area), Rosedale Gardens Shopping Mall, 133 Castle Peak Rd San Hui, Tuen Mun	Yau Lee Construction Co., Ltd	Supply & install Acoustic doorsets w/ STC47
2020	HKBU-Wai Hang Sport Centre	G/F & 1F, Wai Hang Sports Centre, Hong Kong Baptist University, 15 Kam Shing Road, Kowloon Tong	Chinney Construction Co., Ltd.	Supply & Install STC/Rw50 Acoustic Doorsets
2019	Kwai Tsing District Health Centre of Food and Health Bureau (FHB)	30/F Tower B, Kowloon Commerce Centre (KCC), No. 51 Kwai Cheong Road, Kwai Chung	Yau Lee Construction Co., Ltd	Supply & install Acoustic doorsets w/ STC45
2018	The Methodist International Church	271 Queen's Road East, Wan Chai	Pacifiplan Interiors Ltd.	Supply & Install STC/Rw45 Acoustic Doorsets

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