



Marine & Offshore Interior Systems

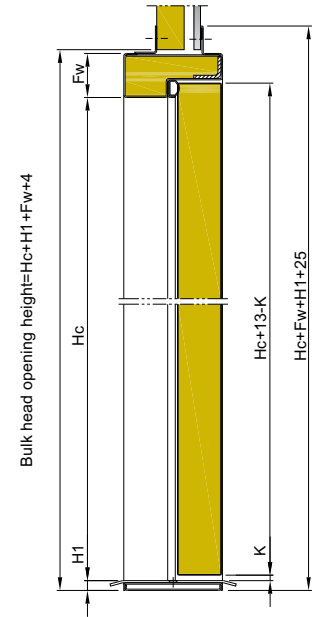
DOOR SYSTEM

www.sasgp.com

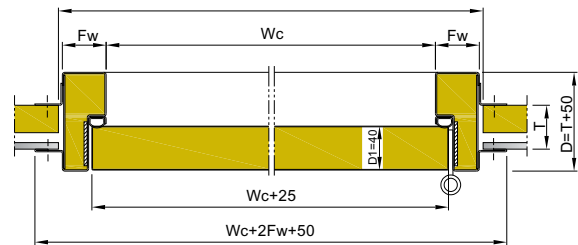
Category	Type	Specification	Fire class	Remarks	Pages
Fireproof door (Trunk frame)	MB15CXT(I)	Single leaf door	B-15	Vision panel, hose port door, escape and ventilation as options	
	SMB15CXT	Double leaf door	B-15	Vision panel, hose port door, escape and ventilation as options	
	MB15Y	Single leaf door	B-15	Embossing, door eye as options	
	MB15TG	Single leaf door with high-class Sound insulation	B-15	Escape as option	
	MA15CX	Single leaf door	A-15	Vision panel, hose port door as options	
	SMA15CX	Double leaf door	A-15	Vision panel, hose port door as options	
	MA60CX	Single leaf door	A-60	Vision panel, hose port door as options	
	SMA60CX	Double leaf door	A-60	Vision panel, hose port door as options	
Fireproof door (Partition frame)	MKB15CXT	Single leaf door	B-15	Vision panel, hose port door, escape and ventilation as options	
	SMKB15CXT	Double leaf door	B-15	Vision panel, hose port door, escape and ventilation as options	
	MB15FD(III)	Single leaf door	B-15	Upper and lower ventilation duct as option	
	MB15TFD	Single leaf door	B-15	Upper and lower ventilation duct escape as option	
Fireproof door (Z frame)	ZMB15CXT(I)	Single leaf door	B-15	Vision panel, hose port door, escape and ventilation as options	
	ZMA15CX	Single leaf door	A-15	Vision panel, hose port door as options	
	ZMA60CX	Single leaf door	A-60	Vision panel, hose port door as options	
	SZMA60CX	Double leaf door	A-60	Vision panel, hose port door as options	
Fireproof door (Weathertight & gastight)	MB30CG- FYQM	Single leaf door	B-15	Vision panel as option (Weathertight: Water-Spray; Gas-Tight: Smoking)	
	ZMA60CG- FYQM	Single leaf door	A-60	Vision panel as option (Weathertight : Water-Spray; Gas-Tight: Smoking)	
	SZMA60CG- FYQM	Double leaf door	A-60	Vision panel as option (Weathertight : Water-Spray; Gas-Tight: Smoking)	
Sliding door/ service window	YCA15	Service window	A-15		
	YMB30	Sliding door	B-15		
	YMA60C	Sliding door	A-60	Vision panel as option	
Inspection door	BJMB15(III)	Inspection door	B-15	Max size: 800mm*1950mm	
	BJMB15(II)	Inspection door	B-15	Max size: 500mm*2050mm	
	BJMB15(IV)	Wall access hatch	B-15	Max size: 600mm*600mm	
	BJMB15(V)	Wall access hatch	B-15	Max size: 610mm*1200mm	
	TJMB15/TJMB0	Ceiling access hatch	B-15/B-0	Max size: 450mm*600mm	
	STJMB15	Ceiling access hatch	B-15	Max size: 1100mm*1200mm	
Roller shutter	GFJMA0	Roller shutter	A-0	Manual or electric operated	

Class B-15 Single leaf door

MB15CXT(I)



Bulk head opening width= $Wc+2Fw+7$

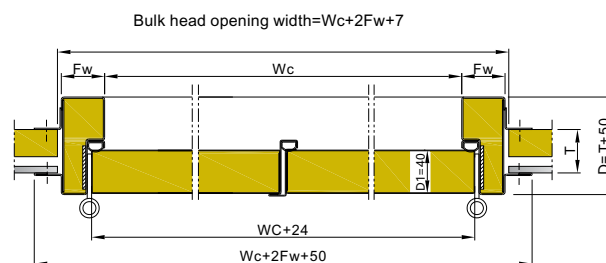
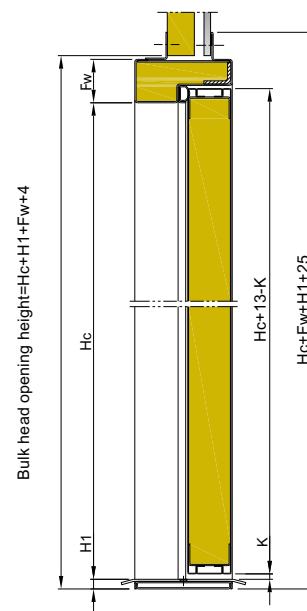


Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	40mm
Max clear size	$Wc \times Hc = 1050 \times 2200 \text{mm}$
Sound reduction index	$Rw = 31 \text{dB}$
Area of ventilation	0.023m^2
Optional fittings	Vision panel, hose port door, escape and ventilation
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: $\Phi 280 \text{mm}$



Class B-15 Double leaf door

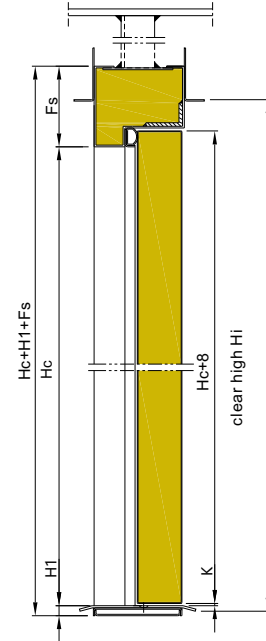
SMB15CXT



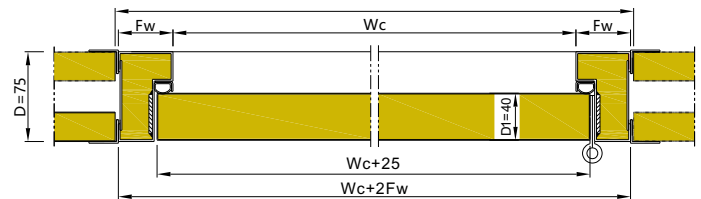
Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	40mm
Max clear size	$Wc \times Hc = 2000 \times 2100$ mm
Sound reduction index	$Rw = 32$ dB
Area of ventilation	0.046 m ²
Optional fittings	Vision panel, hose port door, escape and ventilation
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm

Class B-15

MB15Y



Bulk head opening width= $Wc+100$

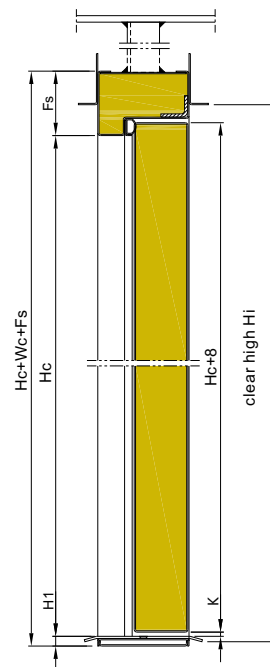


Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint/PVC-laminated
	Stainless steel door sill cover plate
Thickness of door leaf	40mm
Max clear size	$Wc \times Hc = 1000 \times 2000$ mm
Sound reduction index	Rw=31dB
Optional fittings	Embossing, door eye

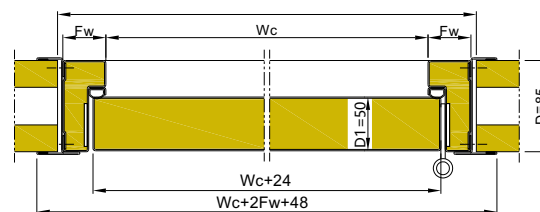


Class B-15 Single leaf door with high-class Sound insulation

MB15TG



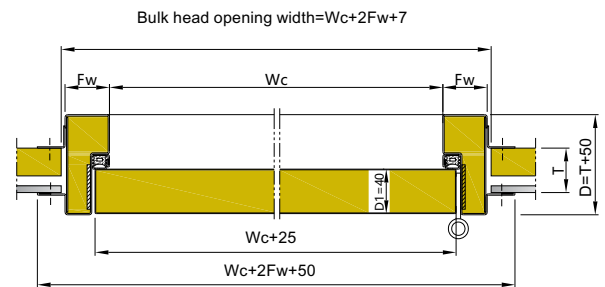
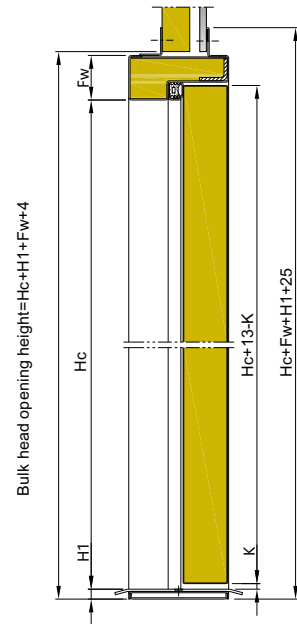
Bulk head opening width= $Wc+2Fw+10$



Technical Specification	
Door Leaf	plate,baked paint
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	50mm
Max clear size	$Wc \times Hc = 1000 \times 2100$ mm
Sound reduction index	Rw=45dB Low door sill / Rw=46dB Door Sill with rubber
Optional fittings	Escape as option

Class A-15 Single leaf door

MA15CX

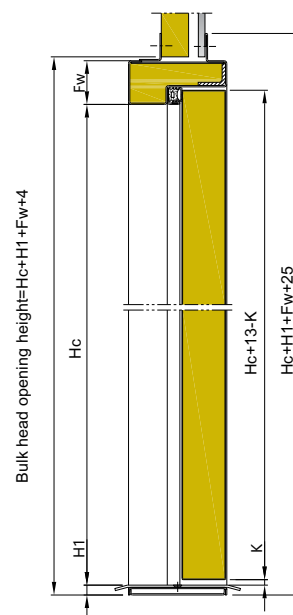


Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	40mm
Max clear size	$Wc \times Hc = 1000 \times 2100$ mm
Sound reduction index	Rw=38dB Door Sill with rubber
Optional fittings	Vision panel, hose port door
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm

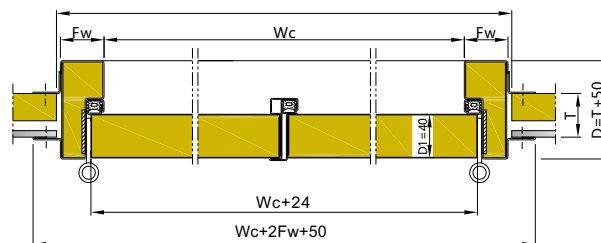


Class A-15 Double leaf door

SMA15CX



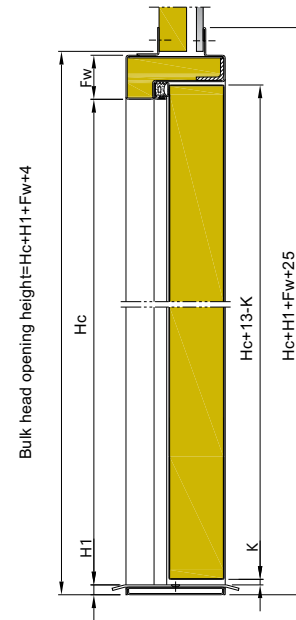
Bulk head opening width = $Wc + 2Fw + 7$



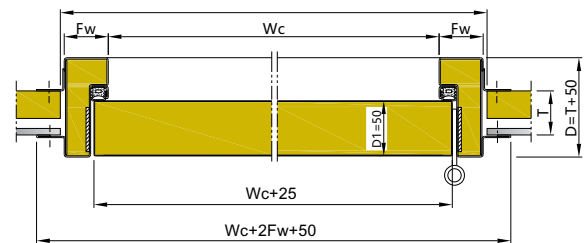
Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	40mm
Max clear size	$Wc \times Hc = 2000 \times 2100$ mm
Sound reduction index	Rw=39dB Door Sill with rubber
Optional fittings	Vision panel, hose port door
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm

Class A-60 Single leaf door

MA60CX



Bulk head opening width = $Wc + 2Fw + 7$

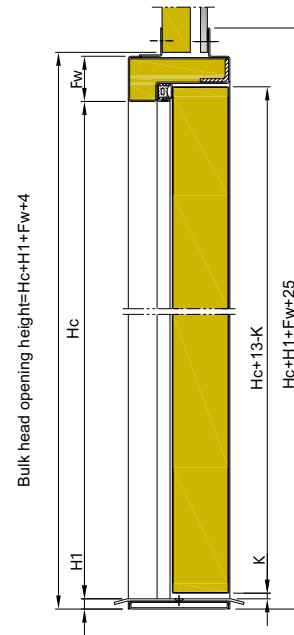


Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	50mm
Max clear size	$Wc \times Hc = 1000 \times 2200$ mm
Sound reduction index	Rw=41dB Door Sill with rubber
Optional fittings	Vision panel, hose port door
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm

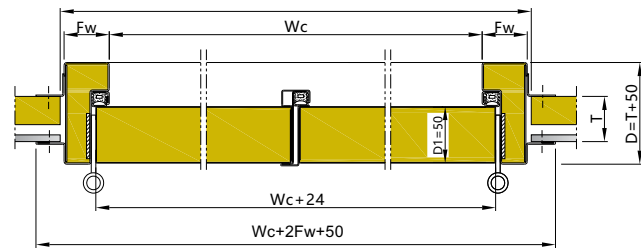


Class A-60 Double leaf door

SMA60CX



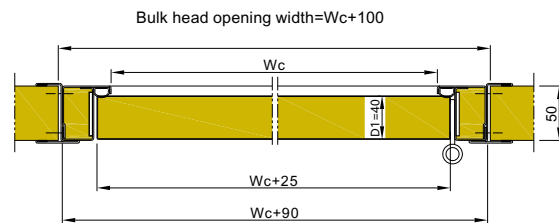
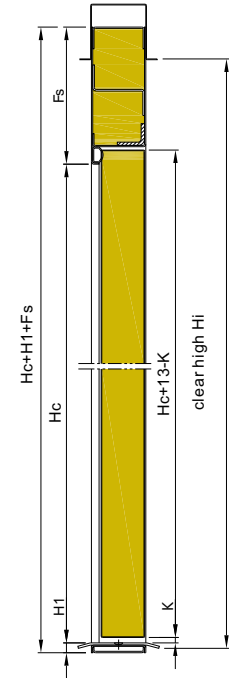
Bulk head opening width = $Wc + 2Fw + 7$



Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	50mm
Max clear size	$Wc \times Hc = 2000 \times 2100$ mm
Sound reduction index	Rw=41dB Door Sill with rubber
Optional fittings	Vision panel, hose port door
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm

Class B-15 Single leaf door

MKB15CXT

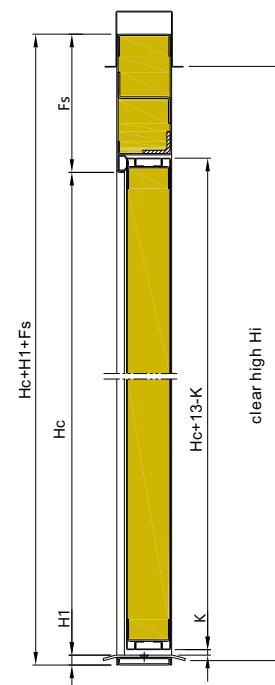


Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint/PVC-laminated
	Stainless steel door sill cover plate
Thickness of door leaf	40mm
Max clear size	$Wc \times Hc = 1000 \times 2200 \text{mm}$
Sound reduction index	$Rw = 31 \text{dB}$
Area of ventilation	0.023m^2
Optional fittings	Vision panel, hose port door, escape and ventilation
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: $\Phi 280 \text{mm}$

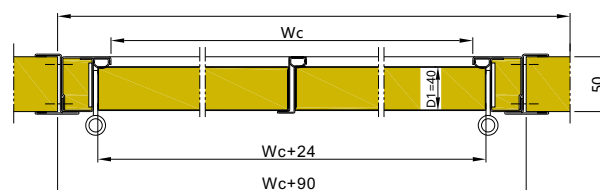


Class B-15 Double leaf door

SMKB15CXT



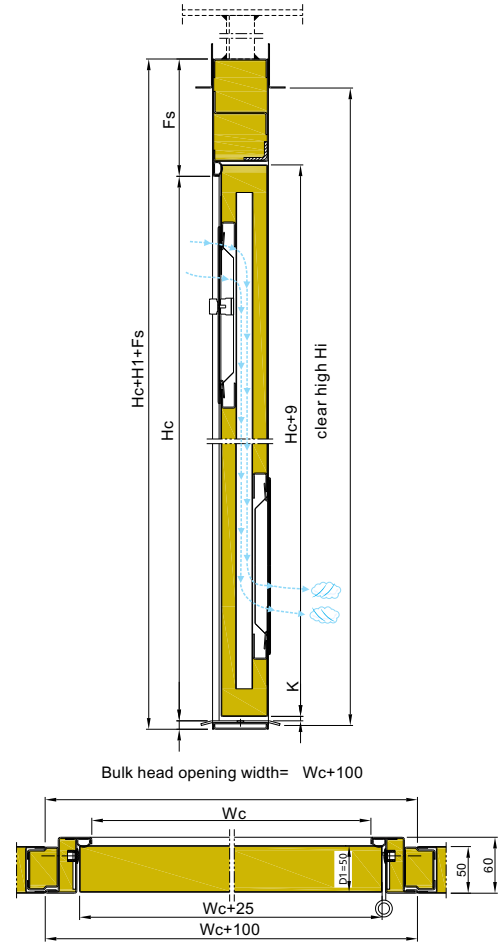
Bulk head opening width= $Wc+100$



Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint/PVC-laminated
	Stainless steel door sill cover plate
Thickness of door leaf	40mm
Max clear size	$Wc \times Hc = 2000 \times 2100$ mm
Sound reduction index	$Rw = 31$ dB
Area of ventilation	0.046 m ²
Optional fittings	Vision panel, hose port door, escape and ventilation
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm

Class B-15 Single leaf door

MB15FD (III)

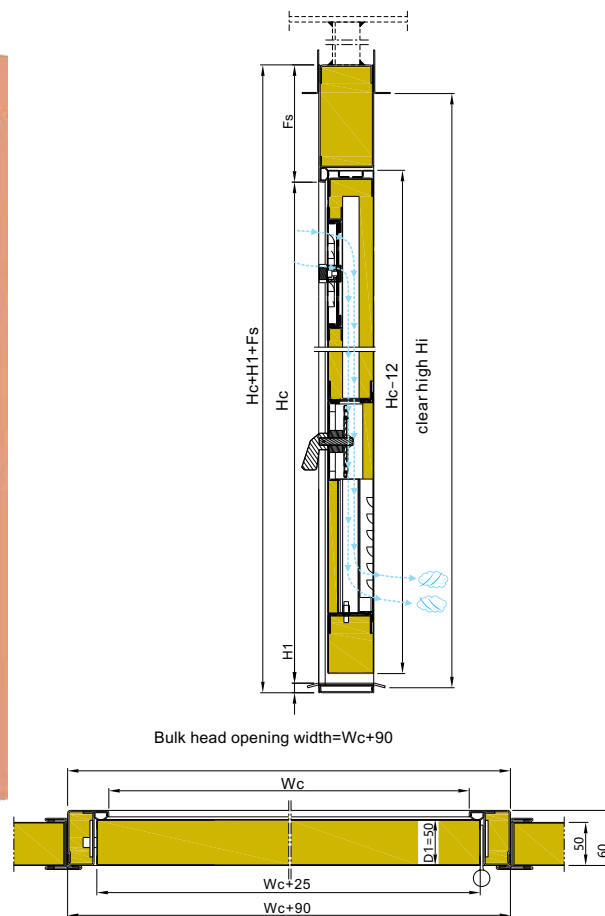


Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	50mm
Max clear size	$Wc \times Hc = 1000 \times 2100 \text{mm}$
Sound reduction index	$Rw = 38 \text{dB}$ With ventilation
Area of ventilation	0.015m^2 or 0.023m^2
Optional fittings	Upper and lower ventilation duct as option



Class B-15 Single leaf door

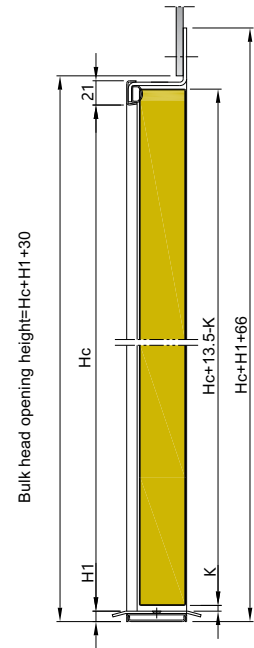
MB15TFD



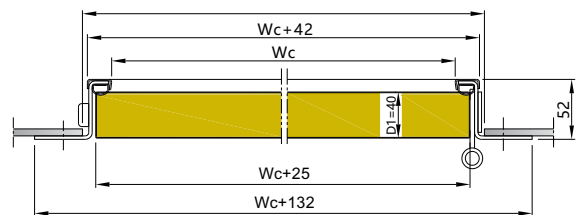
Technical Specification		
Door Leaf	PVC-laminated galvanized steel sheet with protective foil	
Door Frame	steel sheet	
	Baked paint	
	Stainless steel door sill cover plate	
Thickness of door leaf	50mm	
Max clear size	$W_c \times H_c = 1000 \times 2100\text{mm}$	
Sound reduction index	With ventilation and escape	$R_w = 36/37\text{dB}$ / Ventilation open/close
	With ventilation	$R_w = 37/38\text{ dB}$ / Ventilation open/close
	With or without escape	$R_w = 44\text{dB}$
Area of ventilation	0.045m ²	
Optional fittings	Upper and lower ventilation duct escape as option	

Class B-15 Single leaf door

ZMB15CXT(I)



Bulk head opening width= $Wc+60$

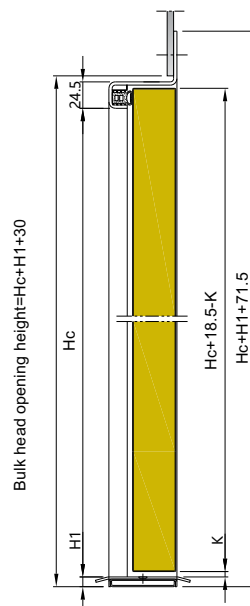


Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	40mm
Max clear size	$Wc \times Hc = 1000 \times 2200$ mm
Sound reduction index	$Rw = 34$ dB
Area of ventilation	0.023 m ²
Optional fittings	Vision panel, hose port door, escape and ventilation
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm

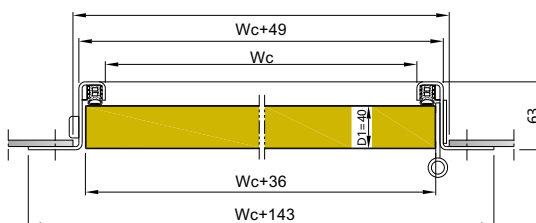


Class A-15 Single leaf door

ZMA15CX



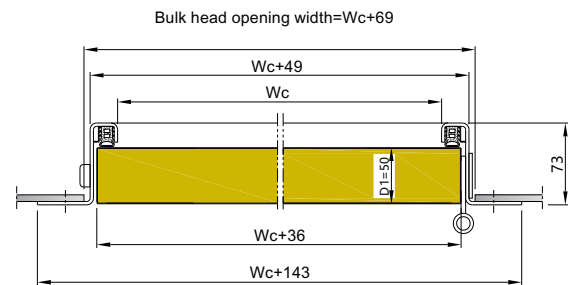
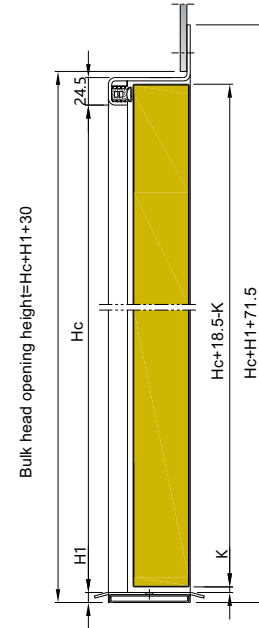
Bulk head opening width= $Wc+69$



Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	40mm
Max clear size	$Wc \times Hc = 1000 \times 2200$ mm
Sound reduction index	Rw=36dB Low door sill
Optional fittings	Vision panel, hose port door
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm

Class A-60 Single leaf door

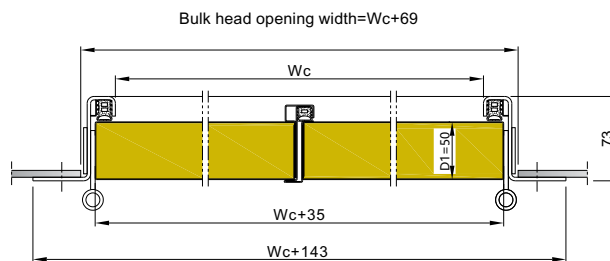
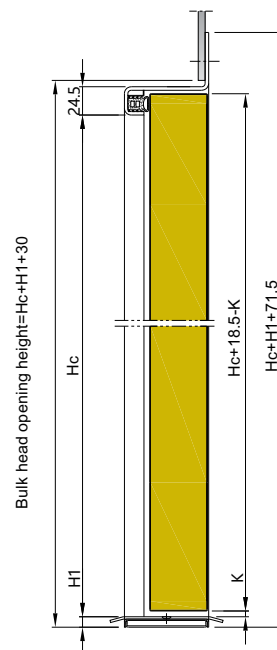
ZMA60CX



Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	50mm
Max clear size	$Wc \times Hc = 1000 \times 2200$ mm
Sound reduction index	Door Sill with rubber
Optional fittings	Vision panel, hose port door
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm

Class A-60 Double leaf door

SZMA60CX

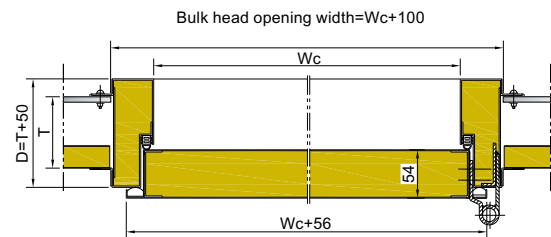
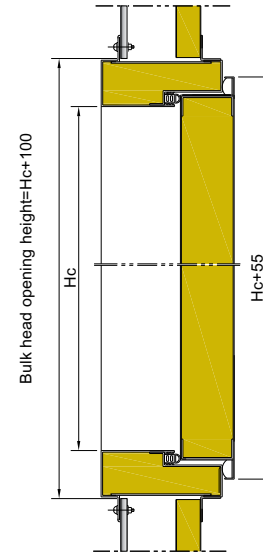


Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	50mm
Max clear size	$Wc \times Hc = 2000 \times 2100$ mm
Sound reduction index	Rw=41dB Door Sill with rubber
Optional fittings	Vision panel, hose port door
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm



Class B-15 Single leaf door

MB30CG-FYQM

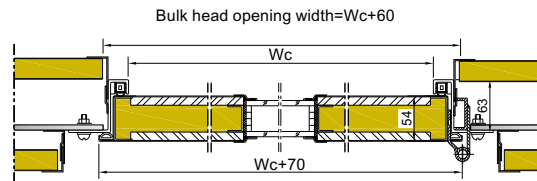
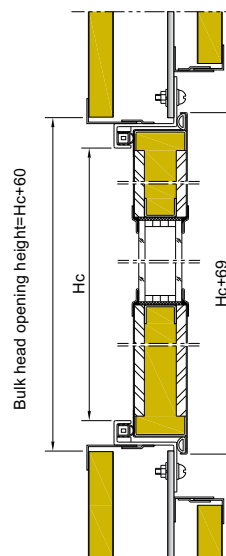


Technical Specification	
Door Leaf	galvanized steel sheet, baked paint
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	54mm
Max clear size	$Wc \times Hc = 1050 \times 2400 \text{mm}$
Optional fittings	Vision panel
Performance	Weathertight: Watering test
	Gas-Tight: Smoke test
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm



Class A-60 Single leaf door

ZMA60CG-FYQM

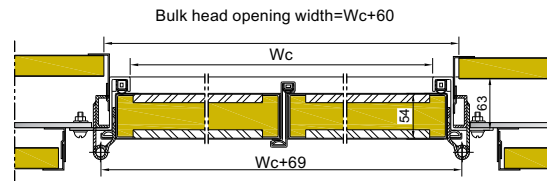
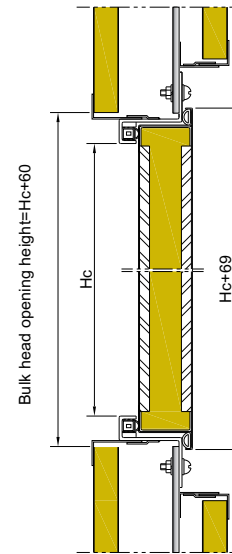


Technical Specification	
Door Leaf	galvanized steel sheet, baked paint
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	54mm
Max clear size	$Wc \times Hc = 1050 \times 2410$ mm
Optional fittings	Vision panel
Performance	Weathertight: Watering test
	Gas-Tight: Smoke test
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm



Class A-60 Single leaf door

SZMA60CG-FYQM

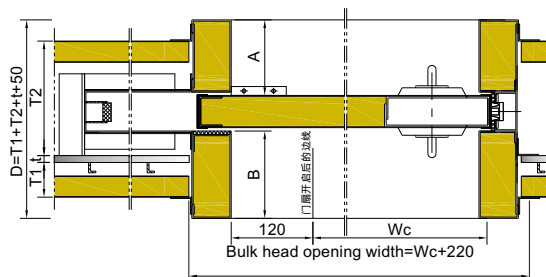
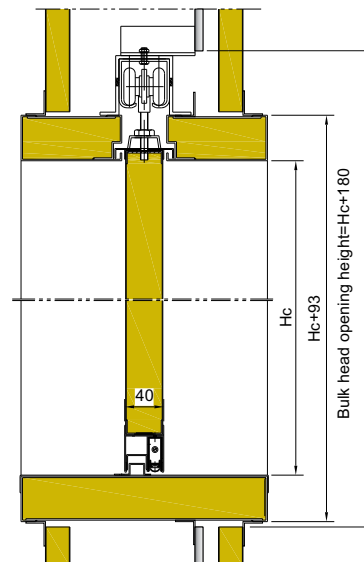


Technical Specification	
Door Leaf	galvanized steel sheet, baked paint
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	54mm
Max clear size	$Wc \times Hc = 1600 \times 2400$ mm
Optional fittings	With vision panel A-30 / No vision panel A-60
Performance	Weathertight: Watering test
	Gas-Tight: Smoke test
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm



Class A-15 Service window

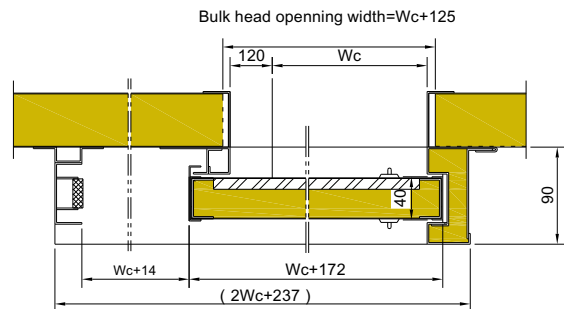
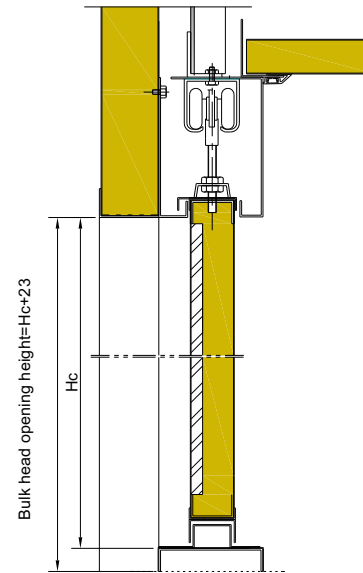
YCA15



Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
Thickness of door leaf	40mm
Max clear size	$Wc \times Hc = 1200 \times 1000 \text{mm}$

Class B-15 Sliding door

YMB30

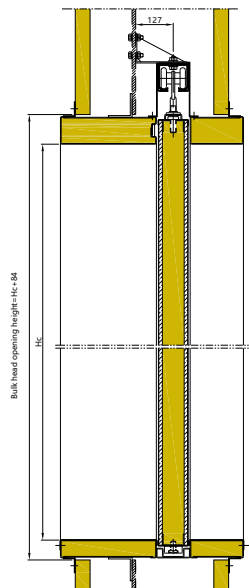


Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
Thickness of door leaf	40mm
Max clear size	$Wc \times Hc = 1050 \times 2100 \text{mm}$

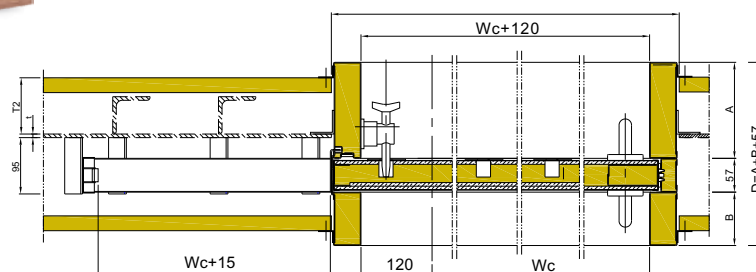


Class A-60 Sliding door

YMA60C



Bulk head opening width=Wc+220

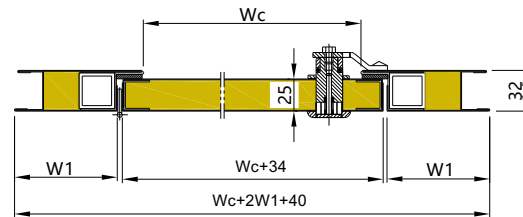
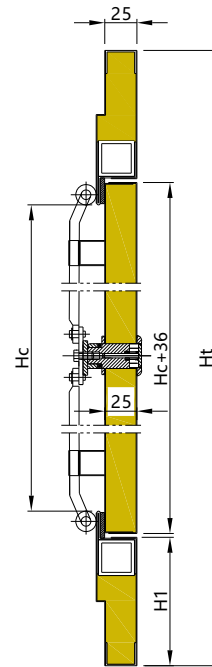


Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
	Stainless steel door sill cover plate
Thickness of door leaf	50mm
Max clear size	$Wc \times Hc = 1200 \times 2200$ mm
Optional fittings	Vision panel
Vision panel	Square Vision panel size: 250×250 mm, 360×360mm, 360×260mm
	Round Vision panel size: Φ 280mm



Class B-15 Services door

BJMB15(III)



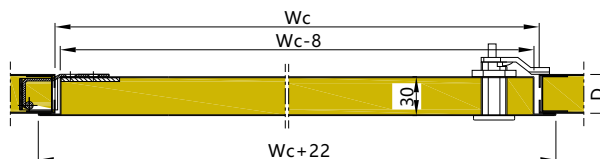
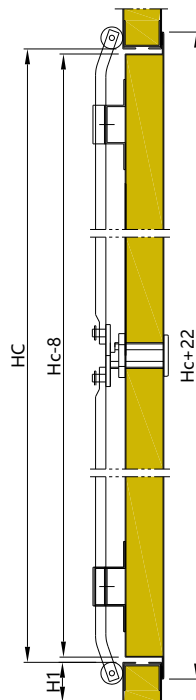
Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
Thickness of door leaf	25mm
Max clear size	$Wc \times Hc = 800 \times 1950$ mm

Note: This product applies to Wet Unit triangle area as luxury option, not as standard spec of PO.



Class B-15 Services door

BJMB15(II)/BJMB15(V)



Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
Thickness of door leaf	30mm/40mm
Max clear size	$Wc \times Hc = 500 \times 2050 \text{mm} / 610 \times 1200 \text{mm}$

Note: This product applies to Wet Unit triangle area as normal sitting, as default spec of PO.

Class B-15 Wall panel access door



BJMB15(IV)

For wall panel

Technical specification

Class	B-15
Thickness of door leaf	25mm
Max clear size	Wc×Hc=600×600mm

Class B-15/B0 Ceiling panel access door



TJMB15 / TJMBO

For ceiling

Technical specification

Class	B-15/0
Thickness of door leaf	25mm
Max clear size	Wc×Hc=450×600mm



STJMB15

For ceiling

Technical specification

Class	B-15
Thickness of door leaf	25mm
Max clear size	Wc×Hc=1100×1200mm

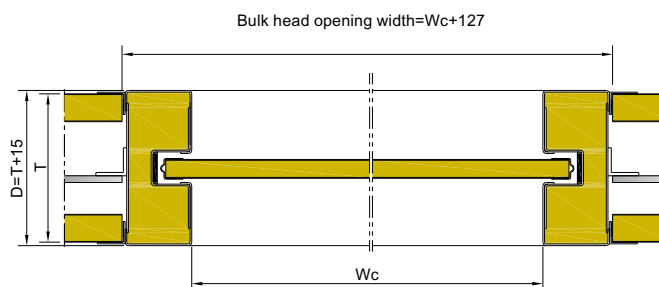
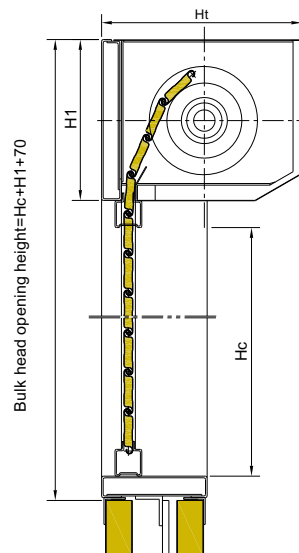


Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet



Class A-0 Roller shutter

GFJMAO



Technical Specification	
Door Leaf	PVC-laminated galvanized steel sheet with protective foil
Door Frame	steel sheet
	Baked paint
Thickness of door leaf	17mm
Max clear size	$Wc \times Hc = 2000 \times 1500$ mm
Optional fittings	Manual operation type: Optional Temperature Sensing Element 70°C/270°C Electro motion type: Optional Temperature Sensing Element 70°C/270°C or Smoke sensing element



STAINLESS STEEL LOCK

C-1 type lock >>

Door thickness 35 ~ 45mm



C-4 type lock >>

Door thickness 35 ~ 45mm



C-5 type lock >>

Door thickness 35 ~ 45mm



Handle type



Door thickness 35~45mm



I



II



III



IV

FIREPROOF DOOR TYPE APPROVAL CERTIFICATE LIST

Specification	Type	Fire class	BXH WcXHc	class								
				ABS	BV	CCS	DNV-GL	EC	LR	NK	KR	RS
Single truck B15, window, hose port door, escape and ventilation as options	MB15CXT(I)	B-15	1050X2200	★	★	★	EC	★	★	★	★	○
Double truck B15, window, hose port door, escape and ventilation as options	SMB15CXT	B-15	2000X2100	★	★	★	EC	★	★	★	★	○
B-15 Class Coverless Door with Embossing	MB15Y	B-15	1000X2000	★	★	★	★	★	★	★	○	○
Single truck B15 with high-class sound insulation, escape as option	MB15TG	B-15	1000X2100	★	★	★	★	★	★	★	★	○
Single truck A15, window, escape and ventilation as options	MA15CX	A-15	1000X2200	★	★	★	EC	★	★	★	★	○
Double truck A15, window, escape and ventilation as options	SMA15CX	A-15	2000X2100	★	★	★	EC	★	★	★	★	○
Single truck A60, window, escape and ventilation as options	MA60CX	A-60	1000X2200	★	★	★	★	★	★	★	★	○
Double truck A60, window, escape and ventilation as options	SMA60CX	A-60	2000X2100	★	★	★	EC	★	★	★	○	○
Single K(S) frame B15, window, hose port door, escape and ventilation as options	MKB15CXT	B-15	1000X2200	★	★	★	EC	★	★	★	★	★
Double K(S) frame B15, window, hose port door, escape and ventilation as options	SMKB15CXT	B-15	2000X2100	★	★	★	EC	★	★	★	★	★
Single K(S) frame B15 with upper & bottom inner ventilation door, upper and lower ventilation duct as option	MB15FD(III)	B-15	1000X2100	★	★	★	★	★	★	★	★	★
Single K(S) frame B15 with upper & bottom inner ventilation door, upper and lower ventilation duct as option, escape	MB15TFD	B-15	1000X2100	★	★	★	★	★	★	○	○	○
Single Z frame B15, window, hose port door, escape and ventilation as options	ZMB15CXT(I)	B-15	1000X2200	★	★	★	EC	★	★	○	○	★
Single Z frame A15, window, escape and ventilation as options	ZMA15CX	A-15	1000X2200	★	★	★	EC	★	★	○	○	★
Single Z frame A60, window, escape and ventilation as options	ZMA60CX	A-60	1000X2200	★	★	★	★	★	★	★	○	★
Double Z frame A60, window, escape and ventilation as options	SZMA60CX	A-60	2000X2100	★	★	★	EC	★	★	○	○	★
Single truck B15 class with weathertight & gastight function, window	MB30CG-FYQM	B-15	1050X2400	★	○	★	★	★	○	★	★	○
Single Z frame A60 with weathertight & gastight function, window	ZMA60CG-FYQM	A-60	1050X2400	★	○	★	★	★	★	★	○	○

★ Certificate received □ Certificate applied for ○ Certificate not yet applied for

Specification	Type	Fire class	BXH WcXHc	class								
				ABS	BV	CCS	DNV-GL	EC	LR	NK	KR	RS
Double Z frame A30/A60 with weathertight & gastight function (A30 window, see a certificate)	SZMA60CG-FYQM	A-30/A-60	1600×2400	*★A30	○	*★A30	*★A60	*★A30	○	*★A30	○	*★A60

SLIDING DOOR AND SERVICE WINDOW TYPE APPROVAL CERTIFICATE LIST

Specification	Type	Fire class	BXH WcXHc	class								
				ABS	BV	CCS	DNV-GL	EC	LR	NK	KR	RS
A-15 class service window	YCA15	A-15	1200×1000	★	○	★	★	★	★	★	○	○
B-15 class sliding door (Partition wall)	YMB30	B-15	1050×2100	★	★	★	★	★	○	○	○	○
A-60 class sliding door	YMA60C	A-60	1200×2200	★	★	★	EC	★	○	○	○	○

INSPECTION HATCH TYPE APPROVAL CERTIFICATE LIST

Specification	Type	Fire class	BXH WcXHc	class								
				ABS	BV	CCS	DNV-GL	EC	LR	NK	KR	RS
Access Panel (Hinge/Panic Bar/Seam around/ applying on 25mm thickness wall panel)	BJMB15(III)	B-15	800×1950	○	○	○	★	★	○	○	○	○
Inspection door	BJMB15(II)	B-15	500×2050	★	★	★	★	★	○	○	○	★
Wall access hatch	BJMB15(IV)	B-15	600X600	○	○	○	★	★	○	○	○	★
Wall access hatch	BJMB15(V)	B-15	610X1200	★	★	□	★	★	★	○	○	★
Ceiling access hatch	TJMB15	B-15	450×600	★	○	★	★	★	★	○	○	★
Ceiling access hatch	TJMB0	B-0	450×600	★	○	★	○	★	○	★	○	○
Ceiling access hatch	STJMB15	B-15	1100×1200	★	★	□	★	★	★	★	○	★

ROLLED CURTAIN DOOR TYPE APPROVAL CERTIFICATE LIST

Specification	Type	Fire class	BXH WcXHc	class								
				ABS	BV	CCS	DNV-GL	EC	LR	NK	KR	RS
Roller shutter	GFJMA0	A-0	2000×1500	★	★	★	★	★	○	★	○	★

★ Certificate received □ Certificate applied for ○ Certificate not yet applied for