

MURS RIDEAUX SÉRIE 6800HP

Le système de mur rideau SÉRIE 6800 HP fabriqué par Alumico Architectural inc. sera en conformité avec les caractéristiques suivantes :

La fabrication du système sera faite selon le principe de l'écran pluvial. L'écran pluvial appliqué aux murs rideaux est basé sur le principe de l'égalisation des pressions de part et d'autre de l'écran extérieur. Tous les joints seront construits pour empêcher la pénétration d'eau dans les membres. Les profilés d'aluminium extérieurs auront une largeur de 63,5mm (2 1/2") et les profilés intérieurs auront une largeur de 65mm (2 9/16"). La profondeur sera suffisante pour rencontrer les propriétés structurales requises (voir graphiques des charges de vent). La partie structurale du système sera constituée par le meneau intérieur. L'assemblage des meneaux horizontaux et verticaux se fera à l'aide d'attaches en aluminium extrudé et de vis dissimulées. Une plaque de pression extérieure, vissée au meneau, retiendra l'unité de vitrage scellée. Un profilé extrudé fait de TECNOPRO-CMP assurera l'étanchéité et l'isolation thermique entre la plaque de pression et le meneau intérieur. Ceci permettrait la possibilité d'utiliser un vitrage isolé de 25,4mm (1"), de 33mm (1 5/16") ou de 40mm (1 9/16") (triple vitrages), en fonction des performances requises. Un couvercle à pression servira de finition extérieure et dissimulera la plaque de pression. L'étanchéité autour du verre sera assurée à l'intérieur et à l'extérieur par un joint de vitrage flexible. Un profilé adaptateur assemblé avec le meneau intérieur permettra l'installation de portes dans le système de mur rideau. Cet assemblage respectera la largeur hors tout de 63,5mm (2 1/2"). Le profilé adaptateur permettra aussi le remplacement des verres adjacents aux entrées sans qu'il soit nécessaire d'enlever les portes.

Toutes les composantes d'aluminium seront faites de l'alliage 6063 de la trempe T5 et les meneaux seront en trempe T6.

Finis

Toutes les surfaces exposées seront traitées selon les options suivantes:

a) Traitement anodique:

- Naturel n°100: conforme à AA-M12C22A31 (classe 2) / 41 (classe 1)
- Champagne n°101: conforme à AA-M12C22A44
- Bronze pâle n°103: conforme à AA-M12C22A44
- Bronze arch. n°106: conforme à AA-M12C22A44
- Bronze foncé n°107: conforme à AA-M12C22A44
- Noir n°109: conforme à AA-M12C22A44

b) Peinture:

L'aluminium subira un prétraitement et sera recouvert d'un fini à la poudre, rencontrant les normes suivantes:

- AAMA 2603
- AAMA 2604
- AAMA 2605

* Remarque: toutes les extrusions égales ou supérieures à 190,5mm (7 1/2 po) peuvent présenter des lignes plus foncées apparaissant le long du meneau lors de l'anodisation. Ces lignes découlent du procédé de fabrication en matrice au niveau de l'extrudeur. Alumico ne peut garantir l'aspect visuel de ces extrusions. Afin d'éviter que ces lignes ne soient visibles, nous recommandons d'opter pour un fini peint en phase de conception.

Installation

Tous les systèmes de mur rideau SÉRIE 6800 HP devront être installés par des techniciens qualifiés. Ceux-ci devront d'abord s'assurer que les ouvertures auront été préparées convenablement d'aplomb, d'équerre et de niveau. Tout le travail devra être exécuté en parfaite harmonie avec les travaux adjacents.

Garantie

Les éléments du mur rideau SÉRIE 6800 HP seront couverts contre tout défaut des matériaux pour une période d'un an à partir de l'acceptation des travaux.

6800HP CURTAIN WALLS SERIES

The 6800HP curtain wall series systems manufactured by Alumico Architectural Inc. will be in accordance with the following specifications:

Fabrication of the system will be made according to the rain screen principle. The rain screen principle applied to the curtain wall system is based on pressure equalization. All joints will be constructed to prevent entry of water into members. Outside extrusions will have a face dimension of 63,5mm (2 1/2") and inside extrusions will be 65mm (2 9/16"). The depth will be sufficient to provide the required structural properties (consult wind load chart). The structural part of the system will be the inner mullion. The assembly of the horizontal and vertical mullions will be made by means of extruded aluminum shear blocks and hidden screws. A choice of three different extruded thermal breaks made of TECNOPRO-CMP™ will provide sealing and insulation between the pressure plate and the inner mullion. This will allow the possibilities to use 25,4mm (1") insulated glass, 33mm (1 5/16") or 40mm (1 9/16") (triple glazing), depending on the performance required. An outside snap-on cap will conceal the pressure plate and its screws. The perimeter of the glass will be sealed by a flexible glazing gasket on the inside and the outside. A door adapter extrusion assembled with the inner mullion will allow for door installation within the curtain wall system. Such assembly will respect the 63,5mm (2 1/2") overall width. This door adapter will allow for replacement of the glass units adjacent to entrances without having to remove the doors from the frame.

All aluminum components will be made of 6063 alloy with T5 temper and mullions will be made with T6 temper.

Finishes

All exposed surfaces will be coated with one of the following options:

a) Anodizing:

- Clear #100: as per AA-M12C22A31 (class 2) / 41 (class 1)
- Champagne #101: as per AA-M12C22A44
- Light bronze #103: as per AA-M12C22A44
- Arch. bronze #106: as per AA-M12C22A44
- Dark bronze #107: as per AA-M12C22A44
- Black #109: as per AA-M12C22A44

b) Paint:

Aluminum will undergo a pretreatment and be covered with a powder finish, and will meet the following specifications:

- AAMA 2603
- AAMA 2604
- AAMA 2605

* Note: All extrusions equal to or greater than 190,5mm (7 1/2") may show darker lines appearing along the mullion after anodizing. These lines are the result of the die manufacturing process by the extruder. Alumico cannot guarantee the visual appearance of these extrusions. To prevent these lines from being visible, we recommend opting for a painted finish during the design stage.

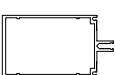
Installation

All 6800HP curtain wall series systems will be installed by experienced technicians in correctly prepared openings. They will be set plumb, square and level in correct alignment with other work.

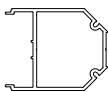
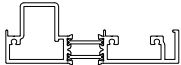
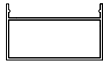
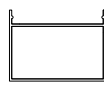
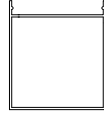
Warranty

6800HP curtain wall series system components are guaranteed against defective materials for a one year period upon acceptance of work.

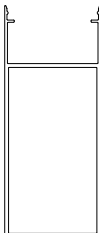
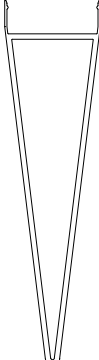
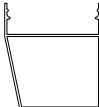
Éléments de cadre / Frame Components

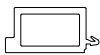
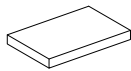
	Description	Numéro de pièce Part number	Longueur standard Standard length
	Meneau 65mm x 25,4mm (2 9/16" x 1") <i>Mullion</i>	6881	7,3 mètres / meters 24 pieds / feet
	Meneau 65mm x 63,5mm (2 9/16" x 2 1/2") <i>Mullion</i>	6882	7,3 mètres / meters 24 pieds / feet
	Meneau 65mm x 75,4mm (2 9/16" x 3") <i>Mullion</i>	6883	7,3 mètres / meters 24 pieds / feet
	Meneau 65mm x 100mm (2 9/16" x 4") <i>Mullion</i>	6884	7,3 mètres / meters 24 pieds / feet
	Meneau 65mm x 139,7mm (2 9/16" x 5 1/2") <i>Mullion</i>	6885	7,3 mètres / meters 24 pieds / feet
	Meneau 65mm x 190,5mm (2 9/16" x 7 1/2") <i>Mullion</i>	6887 *	7,3 mètres / meters 24 pieds / feet
	Meneau 65mm x 254mm (2 9/16" x 10") <i>Mullion</i>	6890 *	7,3 mètres / meters 24 pieds / feet
 6826  6874  A925  A940	Meneau pour vitrage à la silicone 65mm x 100mm (2 9/16" x 4") - 6826 & 6874 <i>Silicone glazing mullion</i> Support de vitrage (pièces de 152,4mm) <i>Glass support (6" parts)</i>	6826 6874 + Support Vitrage A925 - 25,4mm (1") A940 - 40mm (1 9/16")	7,3 mètres / meters 24 pieds / feet
 6827  6875	Meneau pour vitrage à la silicone 65mm x 139,7mm (2 9/16" x 5 1/2") - 6827 & 6875 <i>Silicone glazing mullion</i> Support de vitrage (pièces de 152,4mm) <i>Glass support (6" parts)</i>	6827 6875 + Support A925 - 25,4mm (1") A940 - 40mm (1 9/16")	7,3 mètres / meters 24 pieds / feet
 6828 *  6877 *	Meneau pour vitrage à la silicone 65mm x 190,5mm (2 9/16" x 7 1/2") <i>Silicone glazing mullion</i> Support de vitrage (pièces de 152,4mm) <i>Glass support (6" parts)</i>	6828 * 6877 * + Support A925 - 25,4mm (1") A940 - 40mm (1 9/16")	7,3 mètres / meters 24 pieds / feet
	Meneau pour vitrage à la silicone 65mm x 254mm (2 9/16" x 10") <i>Silicone glazing mullion</i>	6880 * + Support	7,3 mètres / meters 24 pieds / feet

Éléments de cadre / Frame Components

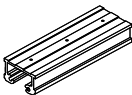
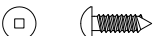
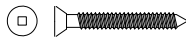
	Description	Numéro de pièce Part number	Longueur standard Standard length
	Meneau de coin pour vitrage à la silicone 65mm x 76mm (2 9/16" x 3") <i>Silicone glazing corner mullion</i>	6841	7,3 mètres / meters 24 pieds / feet
	Extension de meneau de coin pour bris thermique <i>Corner mullion extension for thermal break</i>	6842	7,3 mètres / meters 24 pieds / feet
	Adaptateur de porte en surface 22mm pour porte isolée <i>7/8" Surface thermally broken door adapter</i>	6811	7,3 mètres / meters 24 pieds / feet
6806 6807 	Adaptateur et couvercle de porte à utiliser avec 6833 et H18B 63,5mm x 22,2mm (2 1/2" x 7/8") <i>Door adapter and cap to be used with 6833 and H18B</i>	6806 6807	6,7 mètres / meters 22 pieds / feet
6104 6105 	Arrêt de porte avec couvercle <i>Door stop with snap-on cap</i>	6104 6105	6,7 mètres / meters 22 pieds / feet
	Adaptateur pour vitrage 6mm <i>1/4" Glass adapter</i>	6810	6,7 mètres / meters 22 pieds / feet
6802 	Plaque à pression (Pour couvercles 22,2mm et moins) <i>Pressure plate (For 7/8" or less caps)</i>	6802V / 6802H	7,3 mètres / meters 24 pieds / feet
6812 	Plaque à pression compatible vitrage à la silicone (Pour couvercles 22,2mm et moins) <i>Silicone glazing compatible pressure plate (For 7/8" or less caps)</i>	6812V / 6812H Utiliser avec vis P50 <i>Use with P50 screw</i>	
6803 	Plaque à pression (Pour couvercles de plus de 22,2mm) <i>Pressure plate (For more than 7/8")</i>	6803V / 6803H	7,3 mètres / meters 24 pieds / feet
6813 	Plaque à pression compatible vitrage à la silicone (Pour couvercles de plus de 22,2mm) <i>Silicone glazing compatible pressure plate (For more than 7/8")</i>	6813V / 6813H Utiliser avec vis P50 <i>Use with P50 screw</i>	
	Couvercle à pression 63,5mm x 22,2mm (2 1/2" x 7/8") <i>Snap-on cap</i>	6833	7,3 mètres / meters 24 pieds / feet
	Couvercle à pression 63,5mm x 50,8mm (2 1/2" x 2") <i>Snap-on cap</i>	6835	7,3 mètres / meters 24 pieds / feet
	Couvercle à pression 63,5mm x 63,5mm (2 1/2" x 2 1/2") <i>Snap-on cap</i>	6863	7,3 mètres / meters 24 pieds / feet
	Couvercle à pression 63,5mm x 101,6mm (2 1/2" x 4") <i>Snap-on cap</i>	6836	7,3 mètres / meters 24 pieds / feet

Éléments de cadre / Frame Components

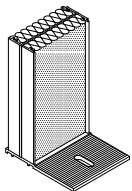
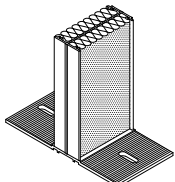
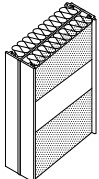
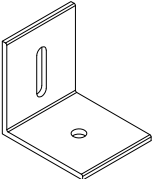
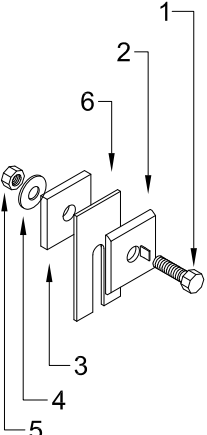
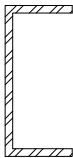
	Description	Numéro de pièce Part number	Longueur standard Standard length
	Plaque à pression anti-vandal 63,5mm x 9,5mm (2 1/2" x 3/8") <i>Vandal resistant pressure plate</i>	6804	7,3 mètres / meters 24 pieds / feet
	Rail à lavage 63,5mm x 22,2mm (2 1/2" x 7/8") <i>Washing track</i>	6837	7,3 mètres / meters 24 pieds / feet
	Rail à lavage 63,5mm x 50,8mm (2 1/2" x 2") <i>Washing track</i>	6838	7,3 mètres / meters 24 pieds / feet
	Couvercle à pression rond 63,5mm x 50,8 mm (2 1/2" x 2") <i>Round snap-on cap</i>	6839	7,3 mètres / meters 24 pieds / feet
	Couvercle à pression rond 63,5mm x 22,2mm (2 1/2" x 7/8") <i>Round snap-on cap</i>	6840	7,3 mètres / meters 24 pieds / feet
	Couvercle à pression 63,5mm x 152,4mm (2 1/2" x 6") <i>Snap-on cap</i>	6846	7,3 mètres / meters 24 pieds / feet
	Plaque à pression pare-soleil 63,5mm x 152,4mm (2 1/2" x 6") <i>Sun shade pressure plate</i>	6847	7,3 mètres / meters 24 pieds / feet
	Couvercle à pression pare-soleil 63,5mm x 241,3mm (2 1/2" x 9 1/2") <i>Sun shade snap-on cap</i>	6848 *	7,3 mètres / meters 24 pieds / feet
	Couvercle à pression biseauté 63,5mm x 70mm (2 1/2" x 2 3/4") <i>Bevelled snap-on cap</i>	6849	7,3 mètres / meters 24 pieds / feet

Éléments de cadre / <i>Frame Components</i>			
	Description	Numéro de pièce <i>Part number</i>	Longueur standard <i>Standard length</i>
	Bris thermique haute performance pour meneau <i>High performance thermal barrier for mullion</i>	V94	3,66 mètres / <i>meters</i> 12 pieds / <i>feet</i>
	Garniture de vitrage intérieure <i>Interior glazing gasket</i>	V1058	305 mètres / rouleau 1000 <i>feet</i> / <i>roll</i>
	Garniture de vitrage extérieure <i>Exterior glazing gasket</i>	V1059	305 mètres / rouleau 1000 <i>feet</i> / <i>roll</i>
V1060  V1080 	Garniture de vitrage pour vitrage à la silicone <i>Glazing Interior glazing gasket</i>	V1060 - 6mm (¼") V1080 - 8mm (5/16")	305 mètres / rouleau 1000 <i>feet</i> / <i>roll</i>
	Coupe-froid pour arrêt de porte à utiliser avec 6104 <i>Weather strip for door stop to be used with 6104</i>	V1073	457 mètres / rouleau 1500 <i>feet</i> / <i>roll</i>
	Barrière thermique pour adaptateur de porte <i>Thermal barrier for door adapter</i>	TB2088	3,35 mètres / <i>meters</i> 11 pieds / <i>feet</i>
	Isolant polystyrène extrudé au périmètre du cadre 25,4mm (1") <i>Polystyrene insulation at frame perimeter</i>	TF1114 Avec / <i>With</i> 6802 TF1115 Avec / <i>With</i> 6803	2,4 mètres / <i>meters</i> 8 pieds / <i>feet</i>
TF1878  TF1983 	Espaceur isolé pour insertion de volet <i>Thermally broken spacer for sash insertion</i>	TF1878 (Avec / <i>with</i> 1x V94) + TF1983 (Avec / <i>with</i> 2x V94)	3,66 mètres / <i>meters</i> 12 pieds / <i>feet</i>
	Plaque de support en aluminium pour vitrage 25mm <i>Aluminum support plate for 1" glazing</i>	A900 (Avec / <i>With</i> 1 x V94)	
	Plaque de support d'aluminium pour vitrage triple 40mm <i>Aluminum support plate for 1 9/16" triple glazing</i>	A901 (Avec / <i>With</i> 2 x V94)	
B68 	Bouchon de coin vitrage 25mm <i>Corner plug 1" glazing</i>	B68	31mm / 1 1/4" (Avec / <i>With</i> 1 x V94)
B71 	Bouchon de jonction pour joint à la silicone vitrage 25mm <i>Silicone glazing junction plug 1" glazing</i>	B71	
B72 	Bouchon de coin vitrage 40mm <i>Corner plug 1 9/16" glazing</i>	B72	46mm / 1 13/16" (Avec / <i>With</i> 2 x V94)
B73 	Bouchon de jonction pour joint à la silicone vitrage 40mm <i>Silicone glazing junction plug 1 9/16" glazing</i>	B73	
B80 	Bouchon de coin vitrage 54mm <i>Corner plug 2 1/8" glazing</i>	B80	61mm / 1 13/16" (Avec / <i>With</i> 3 x V94)
	Attache pour meneau 6881 <i>Frame bracket for 6881 mullion</i>	A610	
	Attache pour meneau 6882 <i>Frame bracket for 6882 mullion</i>	A612	
	Attache pour meneau 6883 <i>Frame bracket for 6883 mullion</i>	A603	
	Attache pour meneaux 6884, 6826 et 6874 <i>Frame bracket for 6884, 6826 and 6874 mullions</i>	A604	
	Attache pour meneaux 6885, 6827 et 6875 <i>Frame bracket for 6885, 6827 and 6875 mullions</i>	A605	

Éléments de cadre / Frame Components

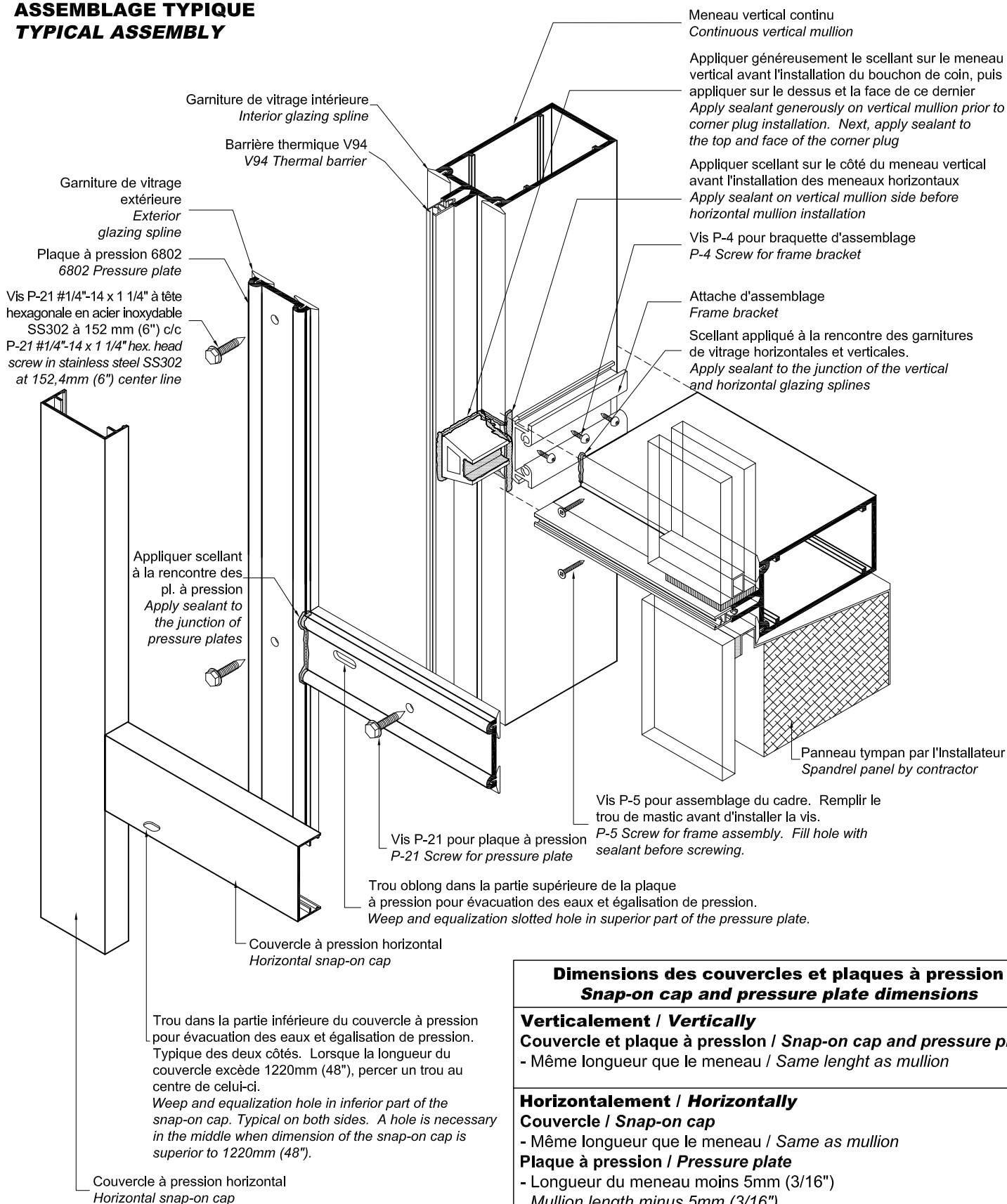
	Description	Numéro de pièce Part number	Longueur standard Standard length
	Attache pour meneaux 6887, 6828 et 6877 <i>Frame bracket for 6887, 6828 et 6877 mullions</i>	A607	
	Attache pour meneaux 6890 et 6880 <i>Frame bracket for 6890 and 6880 mullions</i>	A620	
	Attache pour seuil <i>Threshold bracket</i>	A103	
	Vis #10-16 x 5/8" à tête plate plaquée zinc pour attache A103 <i>#10-16 x 5/8" Zinc plated flat head screw for threshold bracket A103</i>	P2	
	Vis #10-3/4" à tête ronde plaquée zinc pour attaches A603, A604 et A605 <i>#10-3/4" Zinc plated R.H. screw for A603, A604 and A605 frame brackets</i>	P4	
	Vis #10-1 1/4" à tête plate plaquée zinc pour assemblage du cadre <i>#10-1 1/4" Zinc plated flat head screw for frame assembly</i>	P5	
	Vis à tête plate #8- 1 1/4" plaquée zinc pour fixer ancrage à la base <i>#8- 1 1/4" Zinc plated flat head screw for door anchorage at base</i>	P6	
	Vis #1/4" - 14 x 1 1/4" à tête hex. en acier inoxydable SS302 à 152mm (6") c/c pour plaque à pression 6802 <i>#1/4" - 14 X 1 1/4" hex. head screw in stainless steel SS302 at 152mm (6") center line for 6802 pressure plate</i>	P21 (Avec / With 1 x V94)	
	Vis #1/4" - 14 x 1 3/4" à tête hex. en acier inoxydable SS302 à 152mm (6") c/c pour plaque à pression 6802 <i>#1/4" - 14 X 1 3/4" hex. head screw in stainless steel SS302 at 152mm (6") center line for 6802 pressure plate</i>	P22 (Avec / With 2 x V94)	
	Vis #1/4" - 14 x 1 3/8" à tête hex. en acier inoxydable SS302 à 152mm (6") c/c pour plaque à pression 6803 <i>#1/4" - 14 X 1 3/8" hex. head screw in stainless steel SS302 at 152mm (6") center line for 6803 pressure plate</i>	P23 (Avec / With 1 x V94)	
	Vis #1/4" - 14 x 2" à tête hex. en acier inoxydable SS302 à 152mm (6") c/c pour plaque à pression 6803 <i>#1/4" - 14 X 2" hex. head screw in stainless steel SS302 at 152mm (6") center line for 6803 pressure plate</i>	P24 (Avec / With 2 x V94)	
	Vis #1/4" - 14 x 3/4" à tête hex. en acier inoxydable SS302 à 152mm (6") c/c pour plaque à pression 6802 <i>#1/4" - 14 X 3/4" hex. head screw in stainless steel SS302 at 152mm (6") center line for 6802 pressure plate</i>	P25 (Aucun / No V94)	
	Vis #14 - 1/4" x 2 1/2" à tête hexagonale en acier inoxydable SS302 pour plaque à pression 6802 <i>#14 - 1/4" x 2 1/2" hex. head screw in stainless steel SS302 for 6802 pressure plate</i>	P26 (Avec / With 3 x V94)	
	Vis plaquée zinc auto taraudeuse à tête ronde #8- 1/2" pour fixer butoir de porte <i>#8- 1/2" Zinc plated self tapping R.H. screw for door stop</i>	P10	
	Vis #10 x 3/4" plaquée zinc auto taraudeuse à tête plate pour 6812/13 <i>#10 x 3/4" Zinc plated flat head self tapping screw for 6812/13</i>	P50	

Éléments de cadre / Frame Components

	Description	Numéro de pièce Part number	Longueur standard Standard length
	Ancrage en acier pour jambage <i>Steel anchor for jamb</i> Hauteur 9" (229mm) Height 101,6mm (4") Avant, Gauche et Droite / Front, Left and Right 139,7mm (5 1/2") Avant, Gauche et Droite / Front, Left and Right 190,5mm (7 1/2") Avant, Gauche et Droite / Front, Left and Right	M6884A, M6884G & M6884D M6885A, M6885G & M6885D M6885A, M6887G & M6887D	
	Ancrage en acier pour meneau <i>Steel anchor for mullion</i> Hauteur 9" (229mm) Height 101,6mm (4") 139,7mm (5 1/2") 190,5mm (7")	M6884M M6885M M6887M	
	Manchon en acier pour joint d'expansion <i>Steel sleeve for expansion joint</i> Hauteur 18" (457mm) Height 101,6mm (4") 139,7mm (5 1/2") 190,5mm (7")	M6884E M6885E M6887E	
	Angle en acier prépeint 101,6 x 101,6 x 64 x 6mm (4" x 4" x 2 1/2" x 1/4") <i>Pre painted steel angle</i> Dimensionnements et position des ancrages intermédiaires M68AN à déterminer selon les conditions de chantier <i>M68AN Intermediate anchorings dimensions and positions to be determined according to site conditions</i>	M68AN	
	Composantes du système d'attache pour ancrage du mur rideau <i>Curtain wall anchorage system components</i> 1- Boulon tête hex. en acier inox. 13Ø x 50,8mm (1/2" x 2") 2- Pièce d'ancrage en aluminium fini du moulin 3- Rondelle en acier 50,8mm x 50,8mm x 6mm (2" x 2" x 1/4") 4- Rondelle de bloquage 5- Écrou 13mm Ø (1/2") 6- Lamelle de néoprène 65mm x 101,6mm x 3mm (2 1/2"x4"x1/8") 1- 13Ø x 50,8mm (1/2" x 2") Stainless steel hex. bolt 2- Mill finish aluminum anchor plate 3- 50,8mm x 50,8mm x 6mm (2" X 2" x 1/4") Steel washer 4- Lock washer 5- 13mm Ø (1/2") Bolt 6- Neoprene pad 65mm x 101,6mm x 3mm (2 1/2" x 4" x 1/8")	M68AS	
	Renfort en acier pour meneau <i>Steel reinforcement for mullion</i> 64mm x 41,3mm x 6mm (2 1/2" x 1 5/8" x 1/4") 88mm x 41,3mm x 6mm (3 1/2" x 1 5/8" x 1/4") 127mm x 41,3mm x 6mm (5" x 1 5/8" x 1/4") 178mm x 41,3mm x 6mm (7" x 1 5/8" x 1/4")	R6883 R6884 R6885 R6887	

ASSEMBLAGE TYPIQUE

TYPICAL ASSEMBLY



Dimensions des couvercles et plaques à pression

Snap-on cap and pressure plate dimensions

Verticalement / Vertically

Couvercle et plaque à pression / Snap-on cap and pressure plate
- Même longueur que le meneau / Same length as mullion

Horizontalement / Horizontally

Couvercle / Snap-on cap

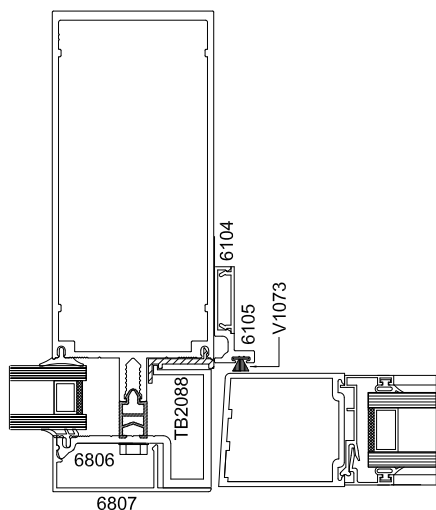
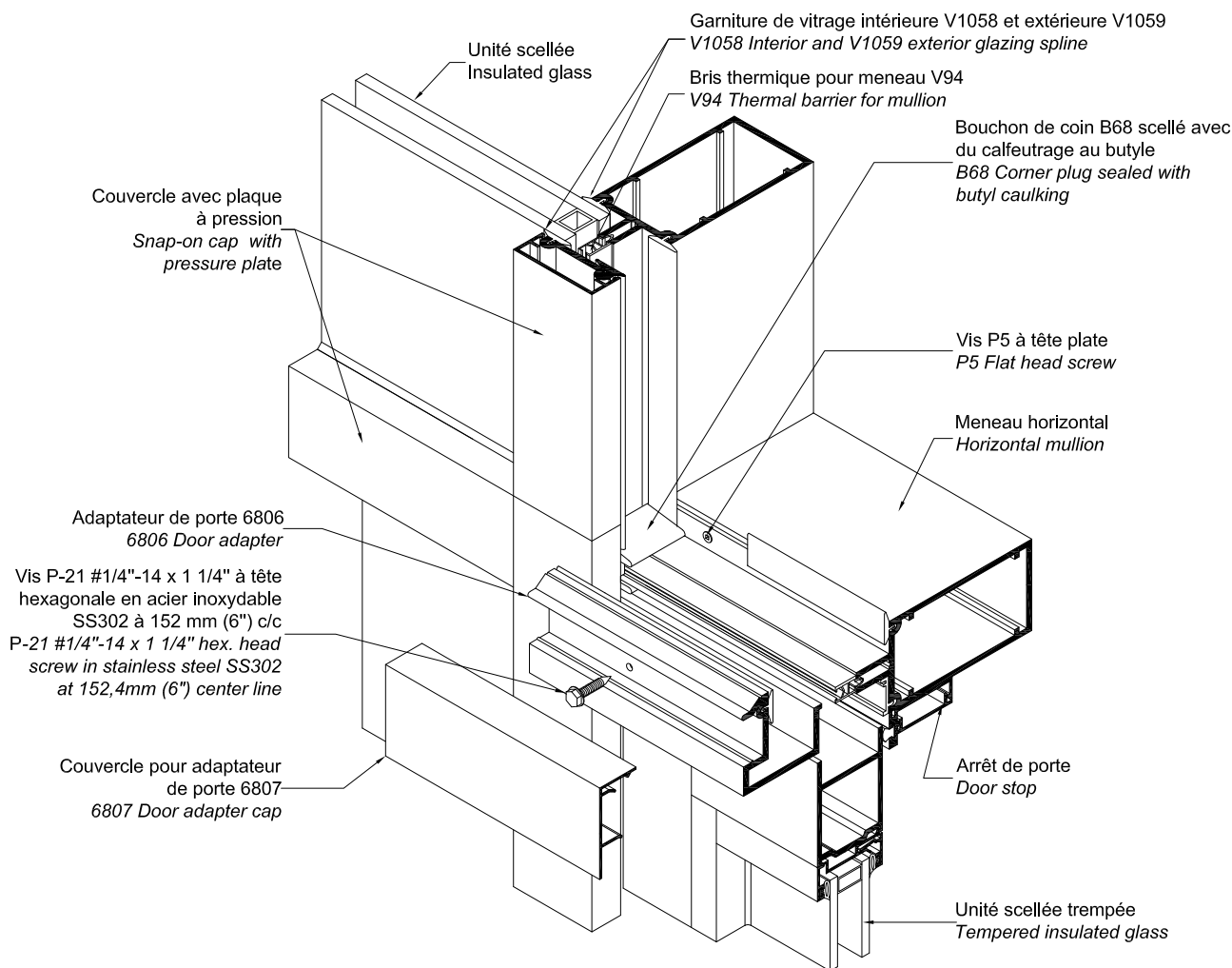
- Même longueur que le meneau / Same as mullion

Plaque à pression / Pressure plate

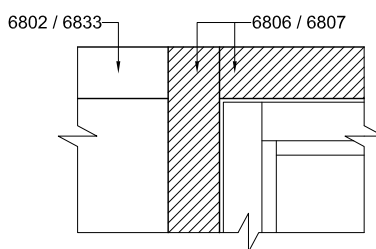
- Longueur du meneau moins 5mm (3/16")
Mullion length minus 5mm (3/16")

PROFILÉ ADAPTATEUR DE PORTE DOOR ADAPTER

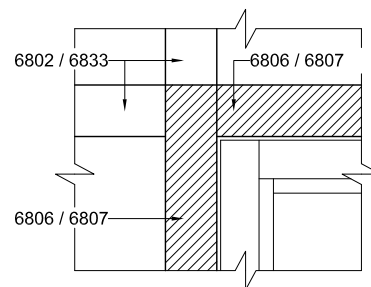
Série 6800HP Series



Coupe horizontale typique
Typical horizontal section



Élévation sans imposte
Elevation without toplite



Élévation avec imposte
Elevation with toplite

Dimensions des adaptateurs de porte / Door adapter dimensions

Verticalement / Vertically

-Avec imposte / With toplite

6806 et 6807 = Ouverture de porte plus 65mm (2 9/16")
Door opening plus 65mm (2 9/16")

-Sans imposte / Without toplite

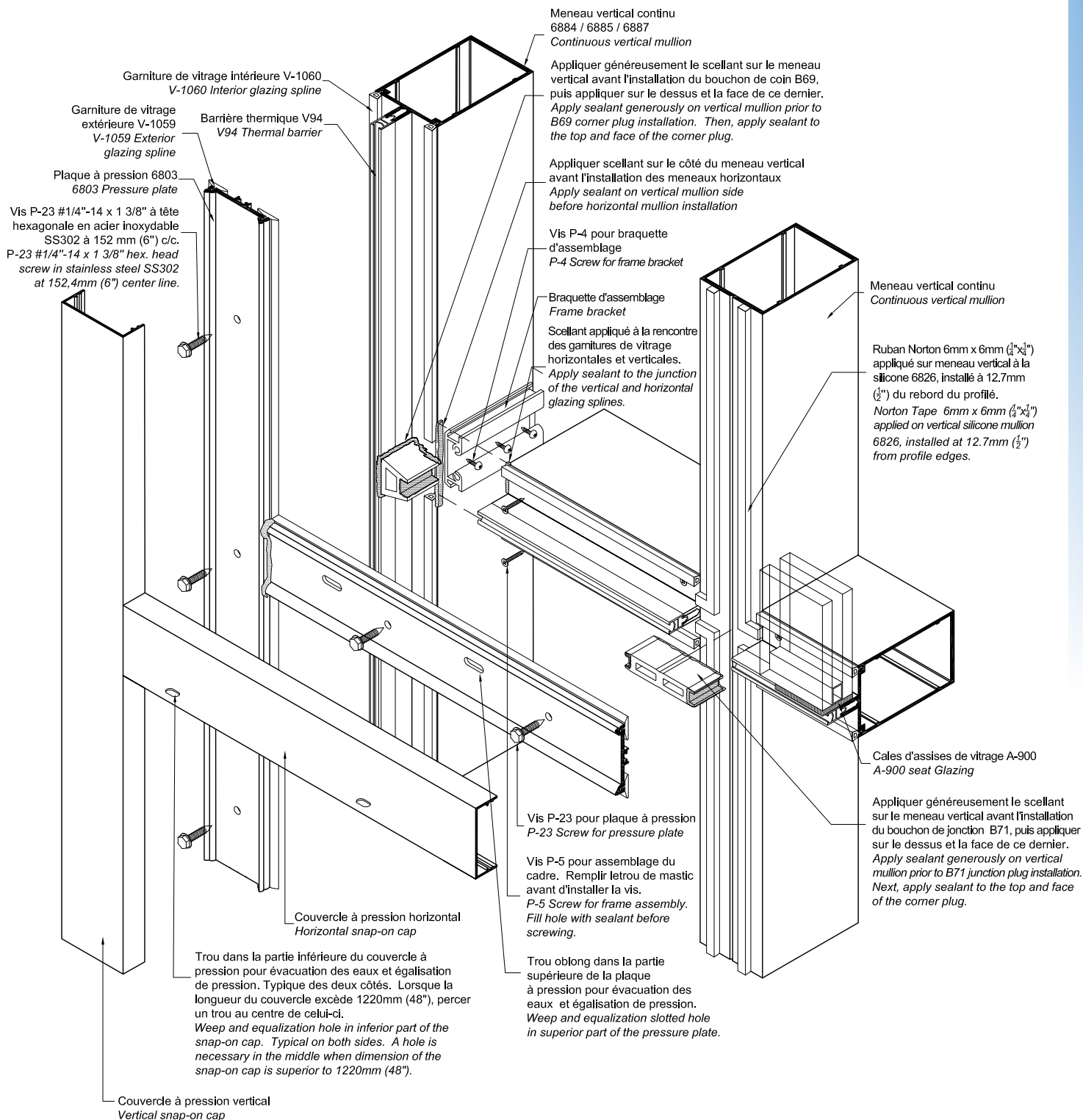
6806 et 6807 = Pleine hauteur du cadre / Full frame height

Horizontalement / Horizontally

6806 et 6807 = Même dimension que l'ouverture de porte / Same size as door opening

ASSEMBLAGE TYPIQUE MUR RIDEAU À LA SILICONE STRUCTURALE

TYPICAL SILICONE STRUCTURAL CURTAIN WALL ASSEMBLY



MÉTHODE D'INSTALLATION INSTALLATION PROCESS

L'installation du mur rideau Série 6800 HP dans une ouverture de maçonnerie (brute) peut présenter plusieurs variantes selon les conditions du projet. Il est important de se référer aux plans architecturaux pour déterminer la méthode d'installation. Les procédés qui suivent sont les méthodes typiques recommandées pour maintenir une bonne technique d'installation.

6800 HP Series curtain wall installation in open masonry (rough opening) may vary according to project site conditions. It is important that you refer to architectural drawings to determine the proper installation method. The following application shows the standard curtain wall installation recommended for best technical application.

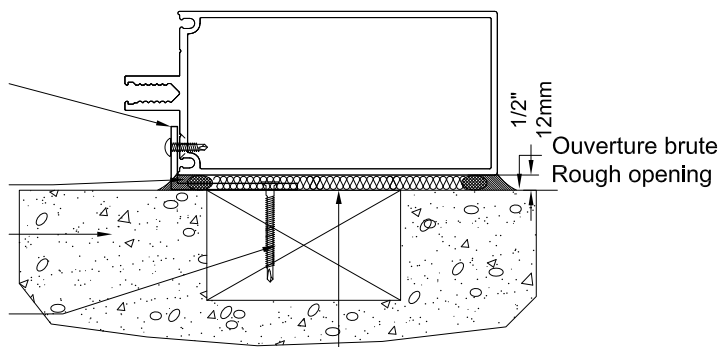
ATTACHE EN ALUMINIUM ALUMINIUM ANGLE

Attache en aluminium A103 3,2 x 25,4 x 50,8 x 102mm
avec vis à tête ronde P10 - 1/2"
Aluminum angle 1/8" x 1 x 2 x 4" with P10 - 1/2"
round head cap screw

Scellant et boudin compressibles / *Foam rod and sealant*

Se référer aux plans architecturaux pour la composition du mur
Refer to architectural drawings for wall components

Vis à bois tête plate #12 x 2" *Flat head wood screw*
Remplir cavité avec isolant / *Filled with insulation*



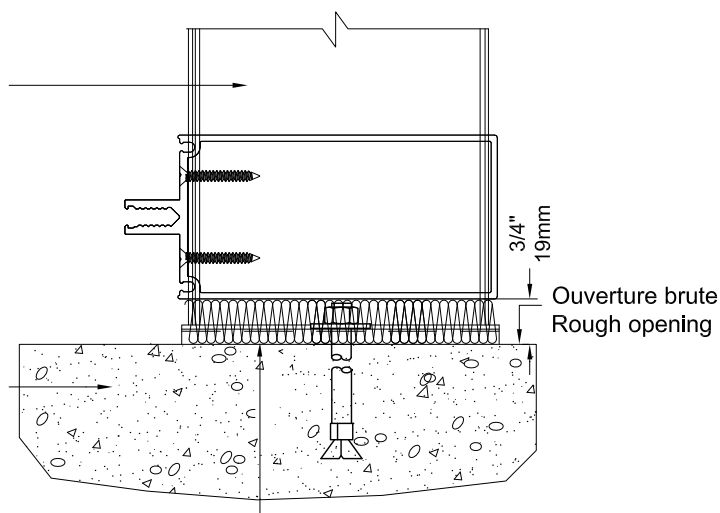
MANCHON D'ANCRAGE ANCHOR SLEEVE

Manchon d'ancrage en aluminium 229mm (9") inséré dans le meneau vertical et fixé à celui-ci avec vis P6. Fixer le manchon d'ancrage avec goujons expansifs pour béton. Les dimensions de ces boulons devraient être déterminées après étude du projet spécifique

Insert 229mm (9") anchor sleeve into the vertical mullion and fasten with a P6 screw. Bolt down the anchor sleeve with a concrete anchor bolt. The bolt dimensions should be specified after evaluation of each specific project

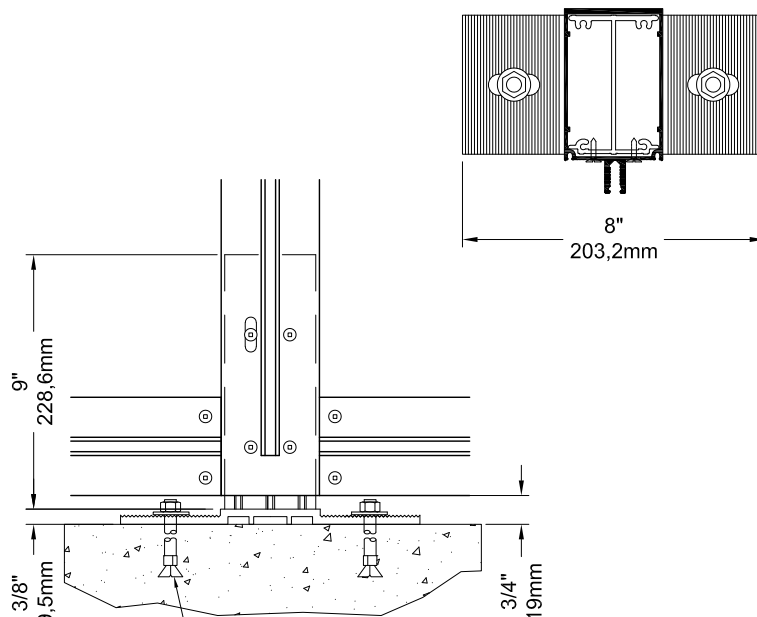
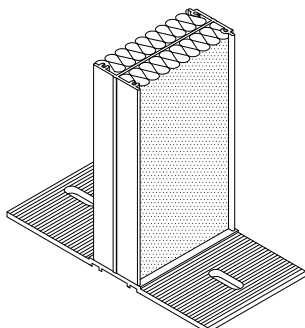
Se référer aux plans architecturaux pour la composition du mur
Refer to architectural drawings for wall components

Remplir la cavité avec isolant / *Filled with insulation*



ANCRAGE TYPIQUE

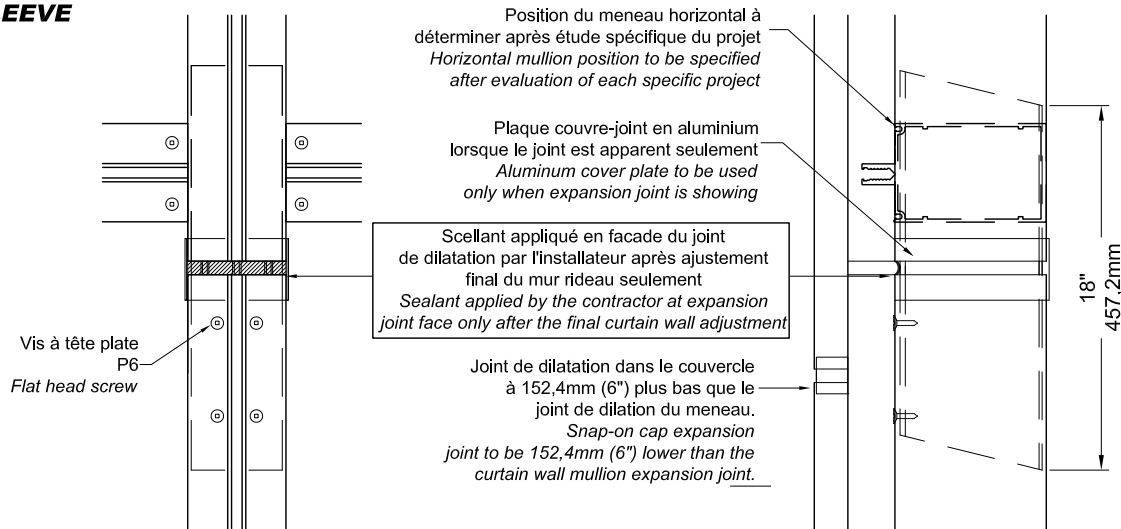
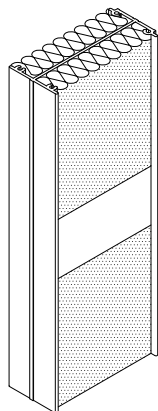
TYPICAL ANCHOR



Dimensions du boulon à déterminer lors de l'étude spécifique du projet
Bolt dimensions should be specified after evaluation of each specific project

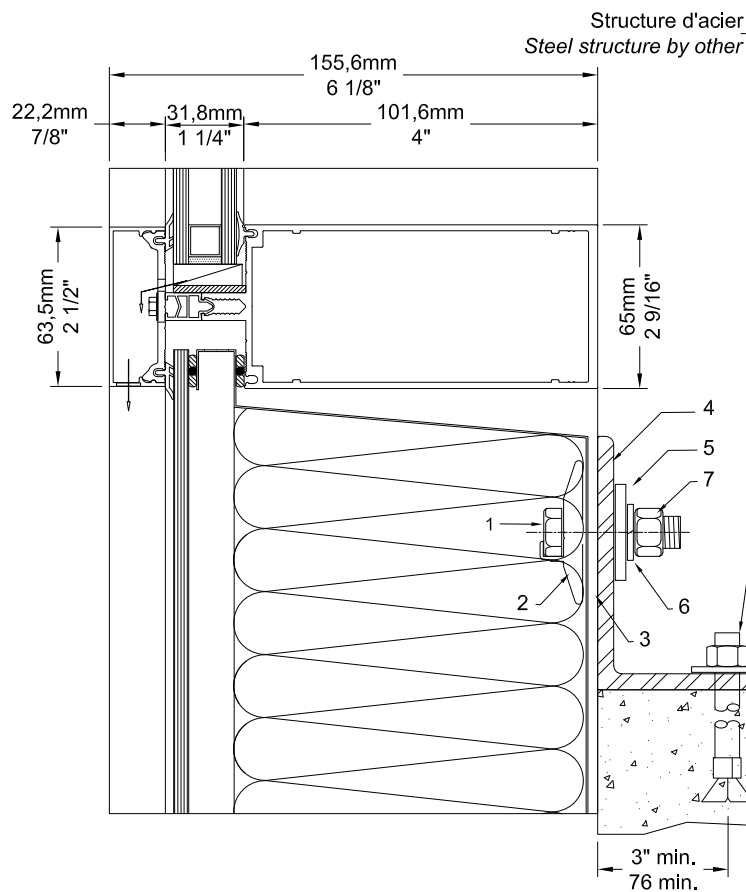
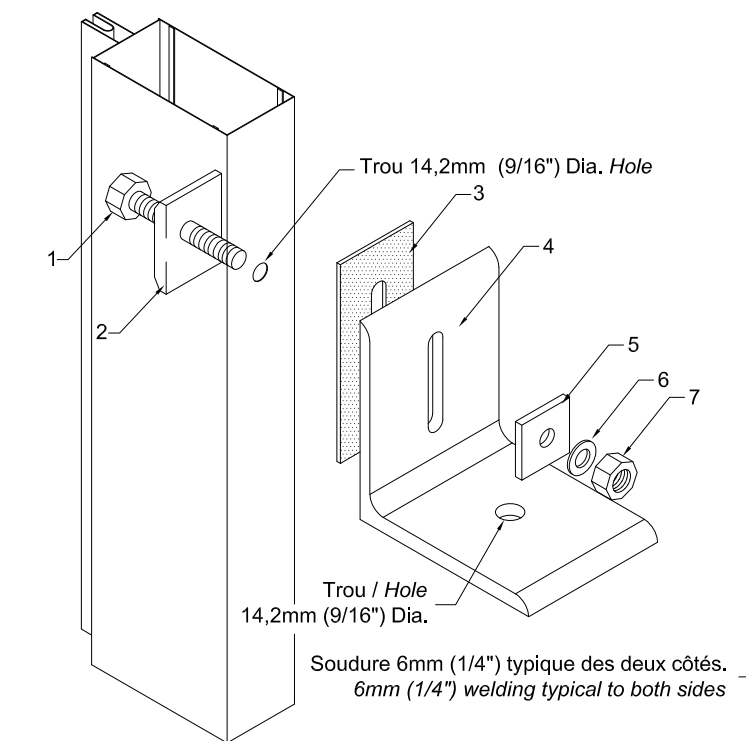
MANCHON D'EXPANSION

EXPANSION JOINT SLEEVE



ANCORAGE INTERMÉDIAIRE DU MUR RIDEAU

CURTAIN WALL INTERMEDIATE ANCHOR



ANCORAGE MOBILE :

Serrer les écrous de façon à permettre la mobilité de l'ancrage.

ANCORAGE FIXE :

Souder la rondelle (5) à l'angle d'ancrage du mur rideau

MOBILE ANCHOR:

Tighten bolts to allow movement of mobile anchor

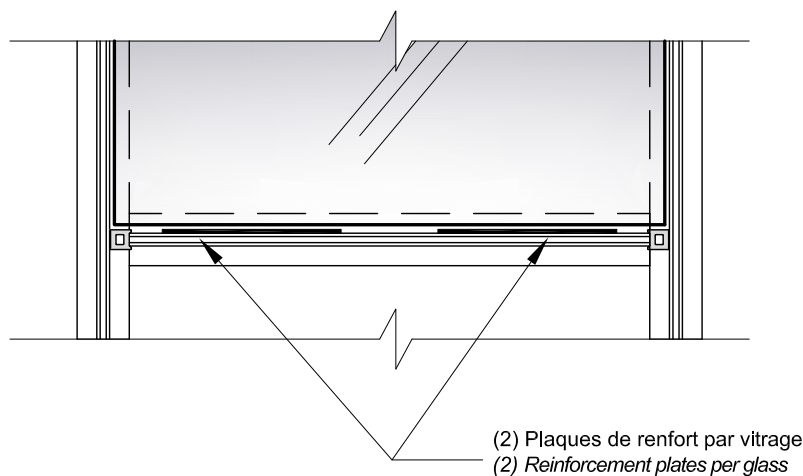
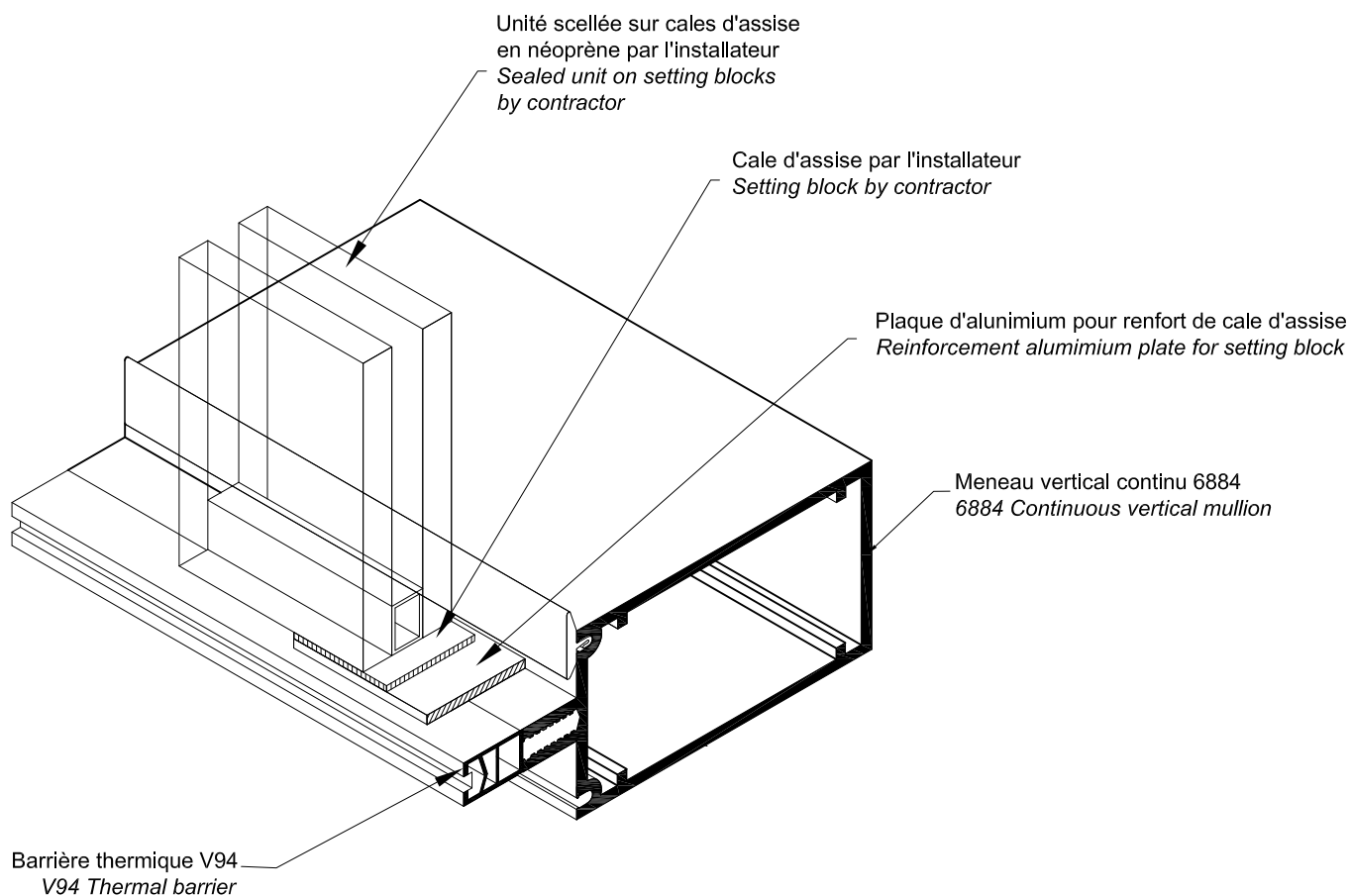
FIXED ANCHOR:

Weld the steel washer (5) to the curtain wall anchorage angle

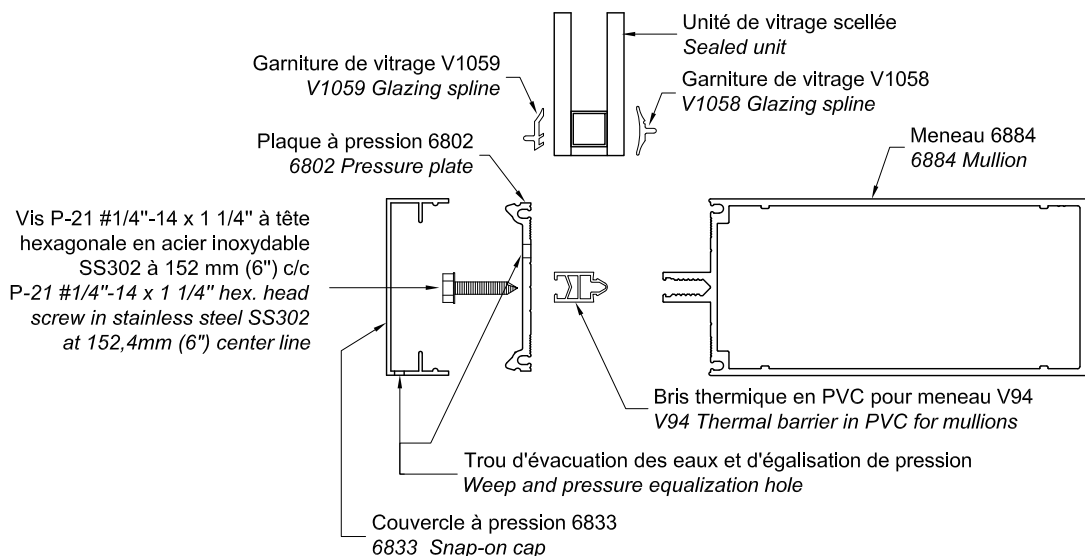
DESCRIPTION

- 1-Boulon tête hex. en acier inoxydable 13 Dia. x 50,8mm (1/2" Dia. x 2")
Stainless steel hex. bolt
- 2-Pièce d'ancrage en aluminium fini brut
Mill finish aluminum anchor plate
- 3-Lamelle de néoprène 3mm (1/8")
3mm (1/8") Neoprene pad
- 4-Angle en acier prépeint M68AN
M68AN Prepainted angle
- 5-Rondelle carrée en acier 50,8mm x 50,8mm x 6mm (2" x 2" x 1/4")
Square steel washer
- 6-Rondelle de blocage
Lock washer
- 7-Écrou 13mm (1/2") Dia.
13mm (1/2") Dia. Bolt

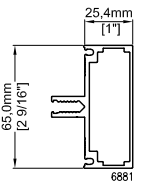
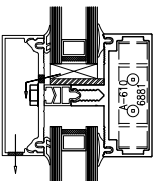
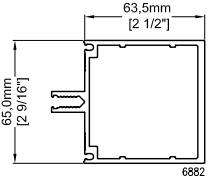
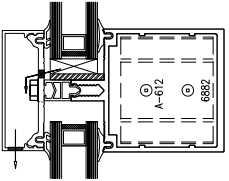
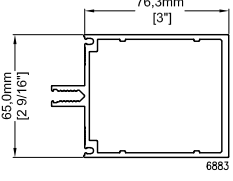
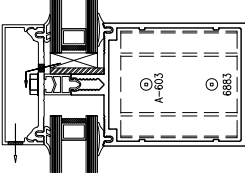
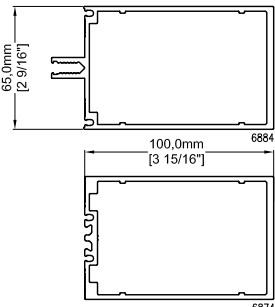
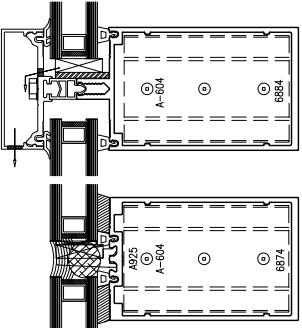
APPLICATION DE PLAQUE DE SUPPORT EN ALUMINIUM POUR UNITÉ SCÉLÉE REINFORCEMENT ALUMINIUM PLATE APPLICATION FOR SEALED UNIT



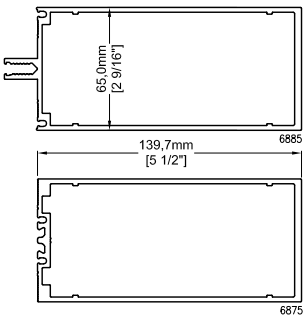
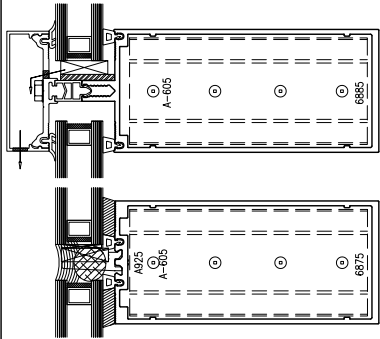
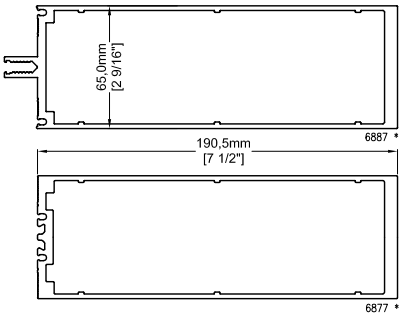
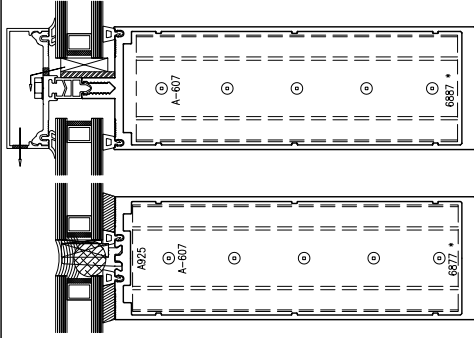
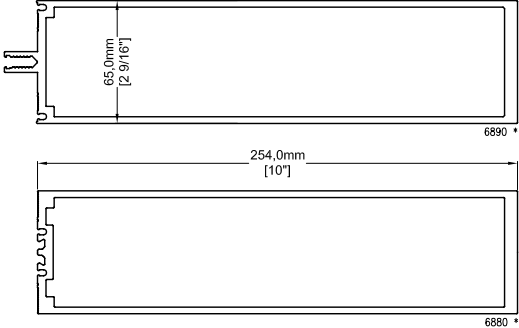
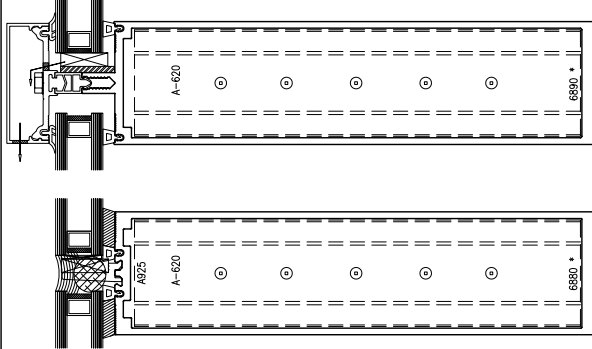
VUE SCHÉMATIQUE PICTORIAL VIEW



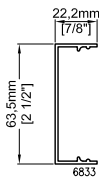
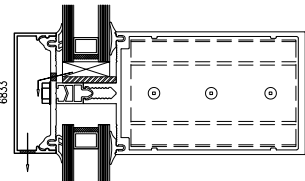
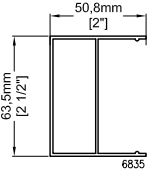
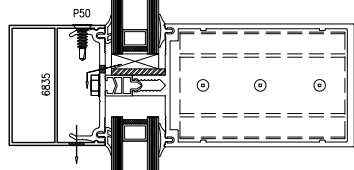
Options : Meneau / Mullion

Meneau 6881 65mm x 25,4mm (2 9/16" x 1") 6881 Mullion		
Meneau 6882 65mm x 63,5mm (2 9/16" x 2 1/2") 6882 Mullion		
Meneau 6883 65mm x 76,3mm (2 9/16" x 3") 6883 Mullion		
Meneau 6884, 6826 & 6874 65mm x 100mm (2 9/16" x 4") 6884, 6826 & 6874 Mullion		

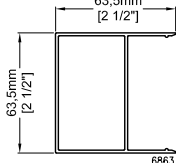
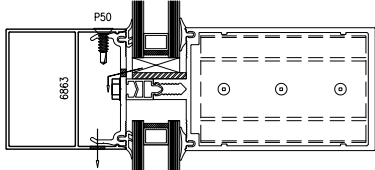
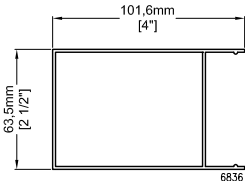
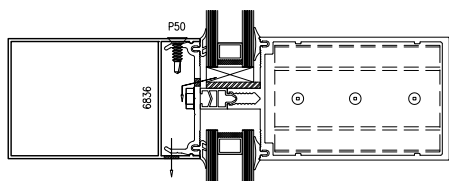
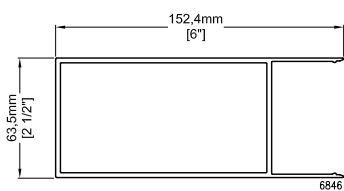
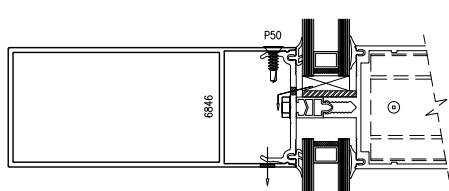
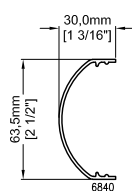
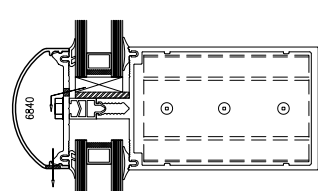
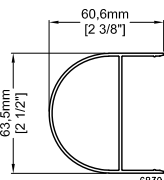
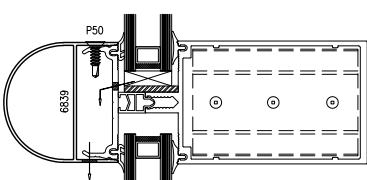
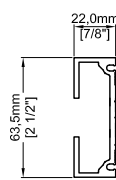
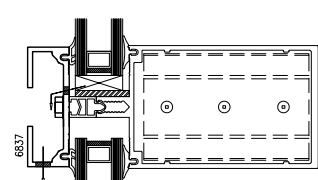
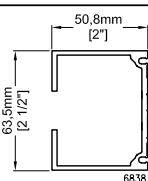
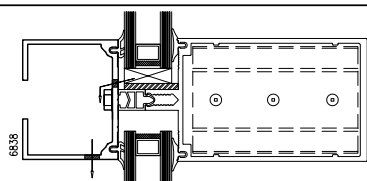
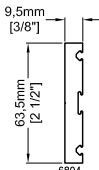
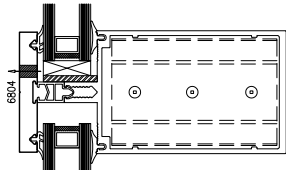
Options : Meneau / Mullion

Meneau 6885, 6827 & 6875 65mm x 139,7mm (2 9/16" x 5 1/2") 6885, 6827 & 6875 Mullion		
Meneau 6887 *, 6828 * & 6877 * 65mm x 190,5mm (2 9/16" x 7 1/2") 6887 *, 6828 * & 6877 * Mullion		
Meneau 6890 * & 6880 * 65mm x 254mm (2 9/16" x 10") 6890 * & 6880 * Mullion		

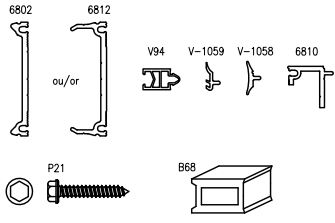
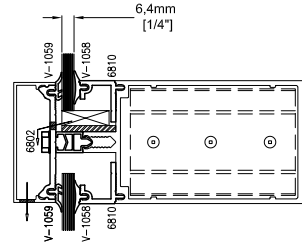
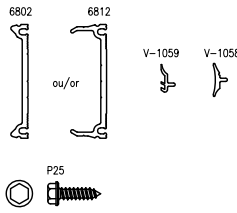
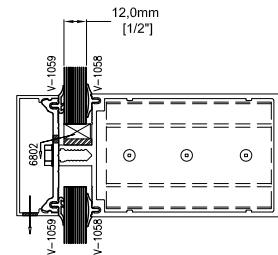
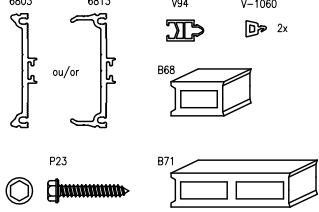
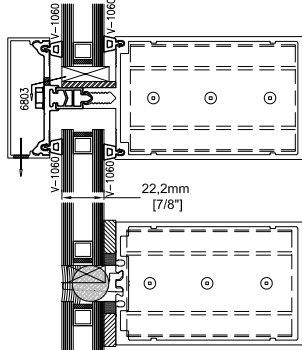
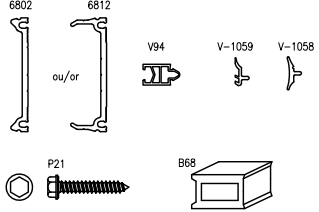
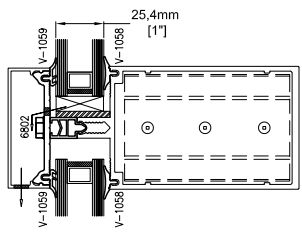
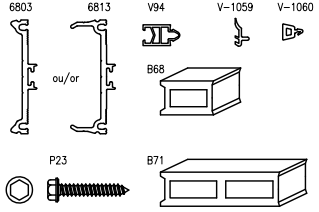
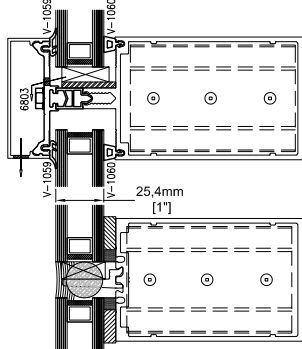
Options : Couvercle à pression / Snap-on Cap

Couvercle à pression 6833 63,5mm x 22,2mm (2 1/2" x 7/8") 6833 Snap-on cap		
Couvercle à pression 6835 63,5mm x 50,8mm (2 1/2" x 2") 6835 Snap-on cap Installation des couvercles avec vis F50 Caps installation require F50 screw		

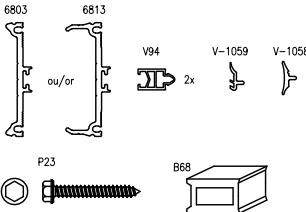
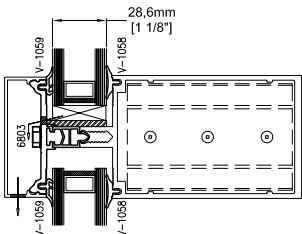
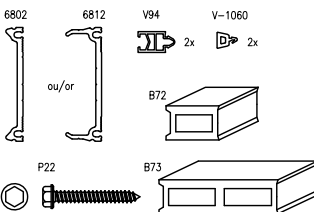
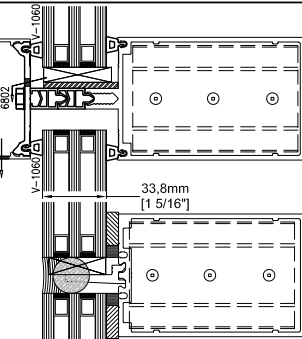
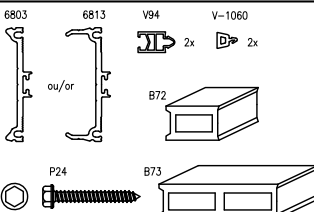
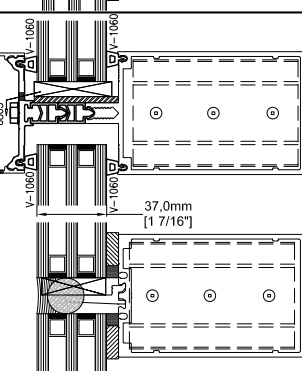
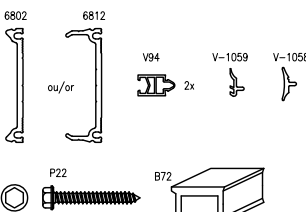
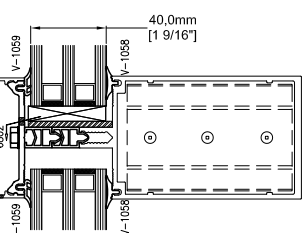
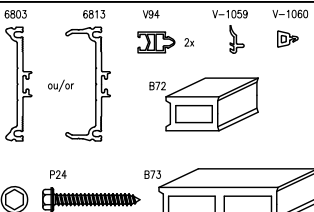
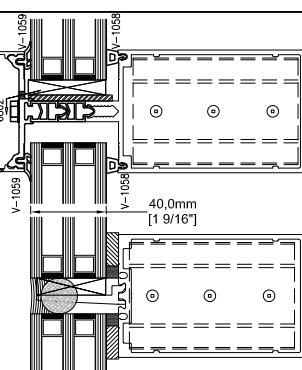
Options: Couvercle à pression / Snap-on Cap

Couvercle à pression 6863 63,5mm x 63,5mm (2 1/2" x 2 1/2") 6863 Snap-on cap Installation des couvercles avec vis F50 Caps installation require F50 screw		
Couvercle à pression 6836 63,5mm x 101,6mm (2 1/2" x 4") 6836 Snap-on cap Installation des couvercles avec vis F50 Caps installation require F50 screw		
Couvercle à pression 6846 63,5mm x 152,4mm (2 1/2" x 6") 6846 Snap-on cap Installation des couvercles avec vis F50 Caps installation require F50 screw		
Couvercle à pression 6840 63,5mm x 30mm (2 1/2" x 1 3/16") 6840 Snap-on cap		
Couvercle à pression 6839 63,5mm x 60,5 mm (2 1/2" x 2 3/8") 6839 Snap-on cap Installation des couvercles avec vis F50 Caps installation require F50 screw		
Rail à lavage 6837 63,5mm x 22,2mm (2 1/2" x 7/8") 6837 Washing track		
Rail à lavage 6838 63,5mm x 50,8mm (2 1/2" x 2") 6838 Washing track		
Plaque à pression anti-vandal 6804 63,5mm x 9,5mm (2 1/2" x 3/8") 6804 Tamper proof pressure plate		

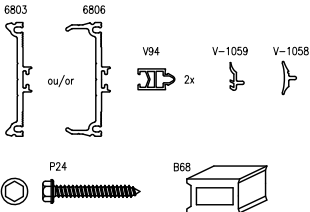
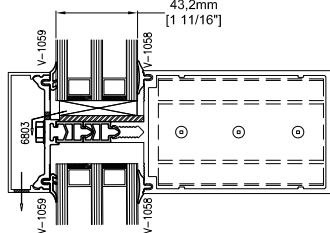
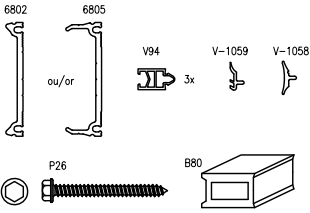
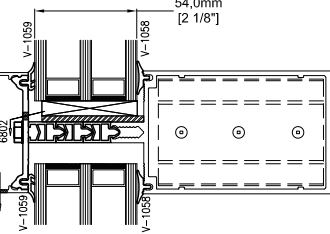
Options: Épaisseurs de vitrage / Glazing Thicknesses

1/4" - 6,4mm	Plaque à pression 6802 ou 6812 Bris thermique V94 Garnitures V1059 et V1058 Vis P21 Bouchon de coin B68 Adapteur 6810 <i>6802 or 6812 Pressure plate V94 Thermal barrier V1059 and V1058 Glazing gasket P21 Screw B68 Corner plug 6810 Adaptor</i>		
1/2" - 12mm	Plaque à pression 6202 ou 6812 Garnitures V1059 et V1058 Vis P25 Mur rideau intérieur seulement Insertion de portes incompatible <i>6202 or 6812 Pressure plate V1059 and V1058 Glazing gasket P25 Screw</i> Interior curtain wall only Not compatible with door insertion		
7/8" - 22,2mm	Plaque à pression 6803 ou 6813 Bris thermique V94 Double garniture V1060 Vis P23 Bouchon de coin B68 et B71 Compatible avec vitrage à la silicone <i>6803 or 6813 Pressure plate V94 Thermal barrier Double V1060 Glazing gasket P23 Screw B68 and B71 Corner plug</i> Silicone glazing compatible	 	
1" - 25,4mm	Plaque à pression 6802 ou 6812 Bris thermique V94 Garnitures V1058 et V1059 Vis P21 Bouchon de coin B68 <i>6802 or 6812 Pressure plate V94 Thermal barrier V1058 and V1059 Glazing gasket P21 Screw B68 Corner plug</i>		
1" - 25,4mm	Plaque à pression 6803 ou 6813 Bris thermique V94 Garnitures V1059 et V1060 Vis P23 Bouchon de coin B68 et B71 Compatible avec vitrage à la silicone <i>6803 or 6813 Pressure plate V94 Thermal barrier V1059 and V1060 Glazing gasket P23 Screw B68 and B71 Corner plug</i> Silicone glazing compatible	 	

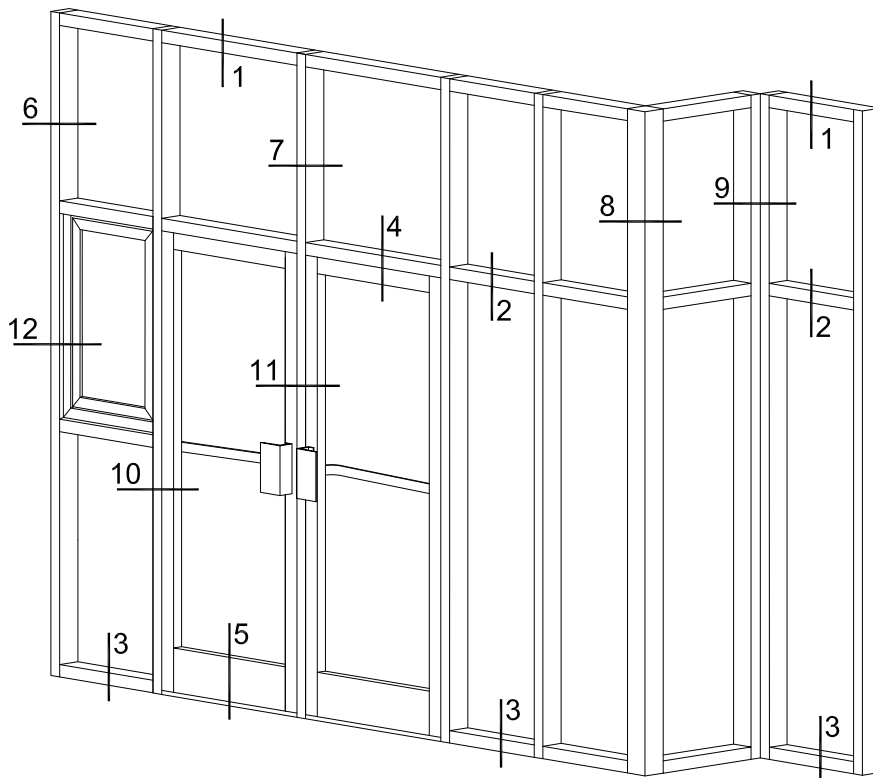
Options: Épaisseurs de vitrage / Glazing Thickness

1 1/8" - 28,6mm	Plaque à pression 6803 ou 6813 Double bris thermique V94 Double garniture V1059 et V1058 Vis P23 Bouchon de coin B68 <i>6803 or 6813 Pressure plate</i> <i>V94 Thermal barrier</i> <i>V1059 and V1058 Glazing gasket</i> <i>P23 Screw</i> <i>B68 Corner plug</i>		
1 5/16" - 33,8mm	Plaque à pression 6802 ou 6812 Double bris thermique V94 Double garniture V1060 Vis P22 Bouchon de coin B72 et B73 Compatible avec vitrage à la silicone <i>6802 or 6812 Pressure plate</i> <i>Double V94 Thermal barrier</i> <i>Double V1060 Glazing gasket</i> <i>P22 Screw</i> <i>B72 and B73 Corner plug</i> Silicone glazing compatible		
1 7/16" - 37mm	Plaque à pression 6803 ou 6813 Double bris thermique V94 Double garniture V1060 Vis P24 Bouchon de coin B72 et B73 Compatible avec vitrage à la silicone <i>6803 or 6813 Pressure plate</i> <i>Double V94 Thermal barrier</i> <i>Double V1060 Glazing gasket</i> <i>P24 Screw</i> <i>B72 and B73 Corner plug</i> Silicone glazing compatible		
1 9/16" - 40mm	Plaque à pression 6802 ou 6812 Double Bris thermique V94 Garnitures V1058 et V1059 Vis P22 Bouchon de coin B72 <i>6802 or 6812 Pressure plate</i> <i>Double V94 Thermal barrier</i> <i>V1058 and V1059 Glazing gasket</i> <i>P22 Screw</i> <i>B72 Corner plug</i>		
1 9/16" - 40mm	Plaque à pression 6803 ou 6813 Double bris thermique V94 Garnitures V1059 et V1060 Vis P24 Bouchon de coin B72 et B73 Compatible avec vitrage à la silicone <i>6803 or 6813 Pressure plate</i> <i>Double V94 Thermal barrier</i> <i>V1059 and V1060 Glazing gasket</i> <i>P24 Screw</i> <i>B72 and B73 Corner plug</i> Silicone glazing compatible		

Options: Épaisseurs de vitrage / Glazing Thicknesses

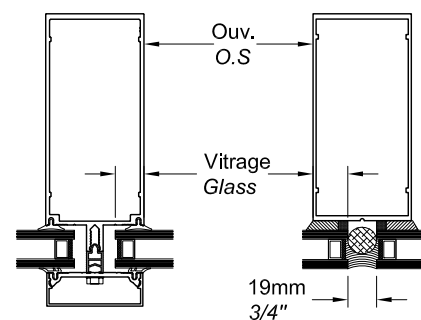
1 11/16" - 43,2mm	Plaque à pression 6803 ou 6806 Double bris thermique V94 Garnitures V1059 et V1058 Vis P24 Bouchon de coin B72 <i>6803 or 6806 Pressure plate Double V94 Thermal barrier V1059 and V1058 Glazing gasket P24 Screw B72 Corner plug</i>		
2 1/8" - 54mm	Plaque à pression 6802 ou 6805 Triple bris thermique V94 Garnitures V1059 et V1058 Vis P26 Bouchon de coin B80 <i>6802 or 6805 Pressure plate Triple V94 Thermal barrier V1059 and V1058 Glazing gasket P26 Screw B80 Corner plug</i>		

ÉLÉVATION DE MUR RIDEAU STANDARD STANDARD CURTAIN WALL ELEVATION



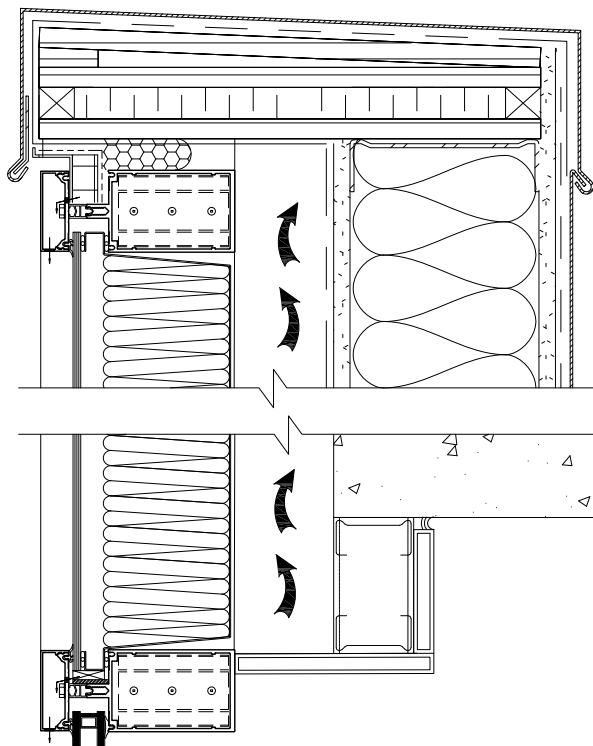
DIMENSIONS DE VITRAGE GLASS SIZES

Meneau avec capuchon Mullion and cap	Ouv. / O.S + 32mm (1 1/4")
Meneau silicone Silicone mullion	Ouv. / O.S + 46mm (1 3/4")

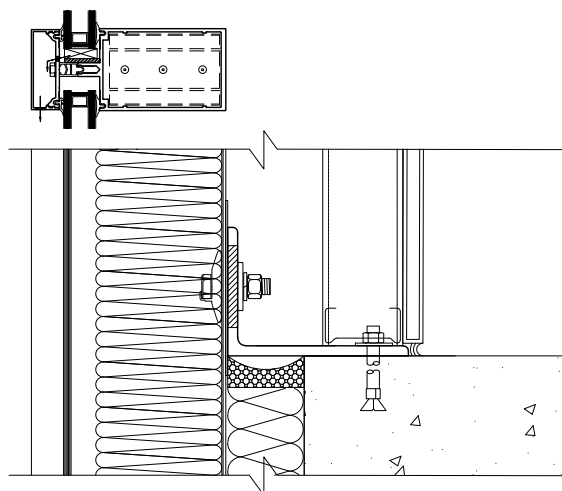


SECTION VERTICALE TYPIQUE DE MUR RIDEAU TYPICAL CURTAIN WALL VERTICAL SECTION

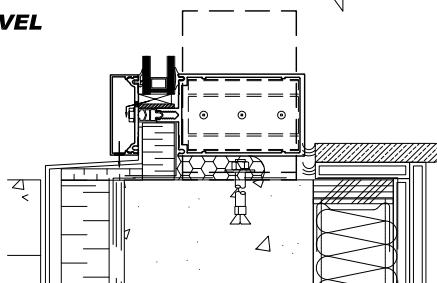
TÊTE DU MUR RIDEAU AU PARAPET PARAPET CURTAIN WALL HEAD



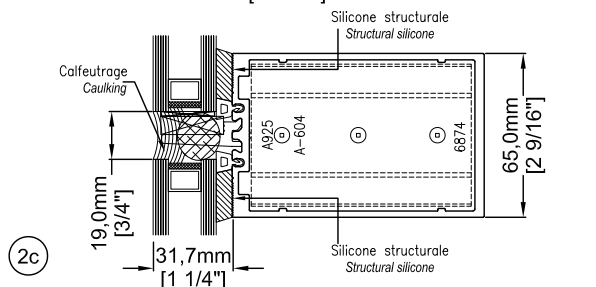
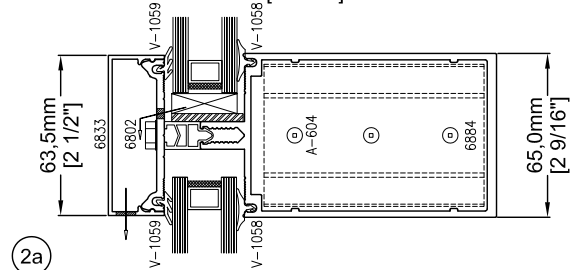
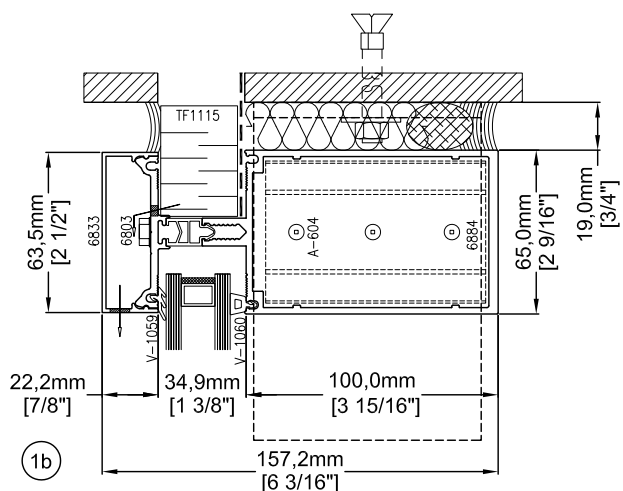
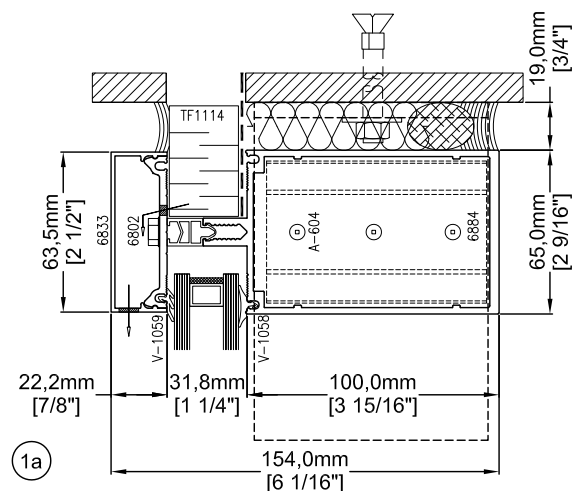
DÉTAIL DE L'ANCHRAGE INTERMÉDIAIRE ANCHORAGE INTERNE DETAIL



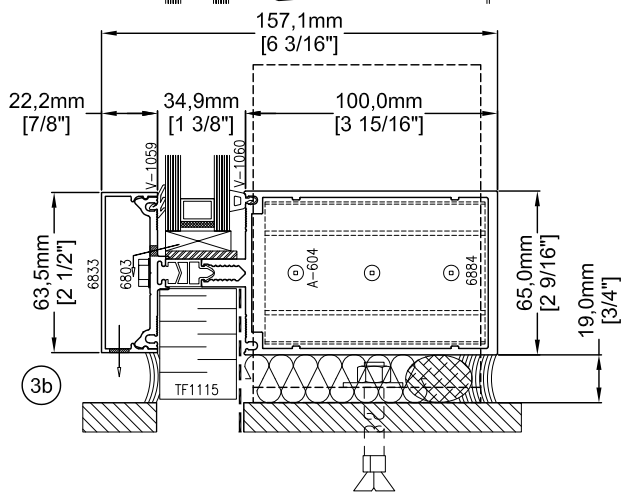
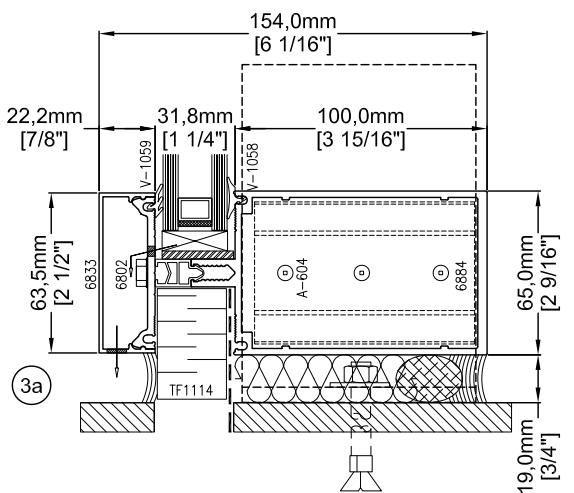
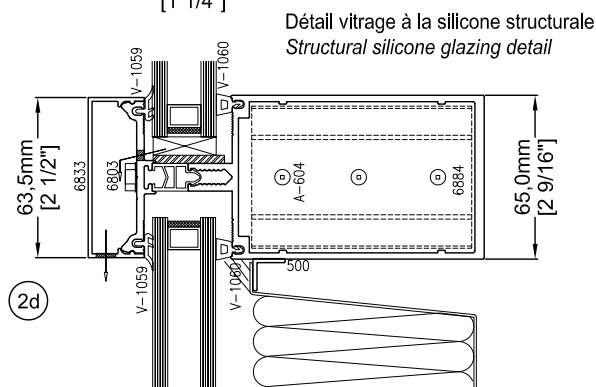
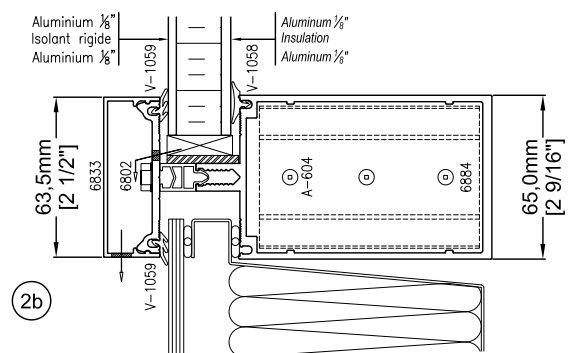
MUR RIDEAU NIVEAU FONDATION CURTAIN WALL SILL AT FOUNDATION LEVEL

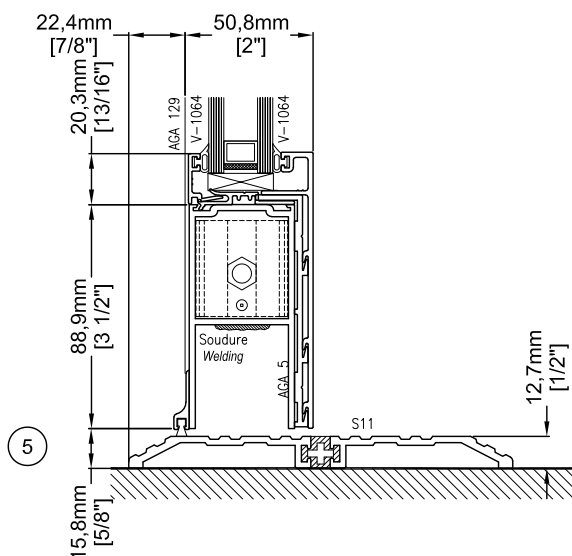
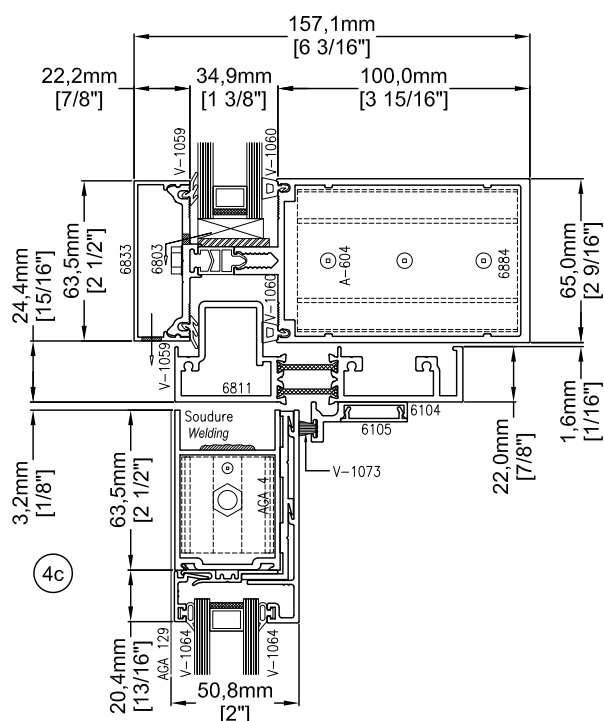
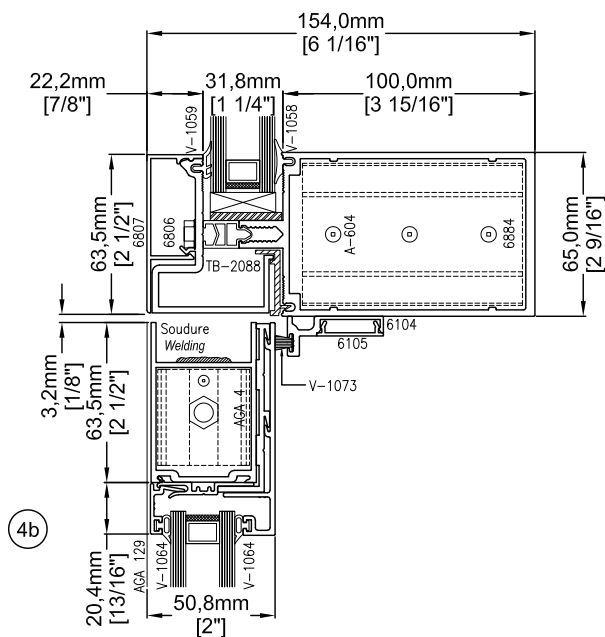
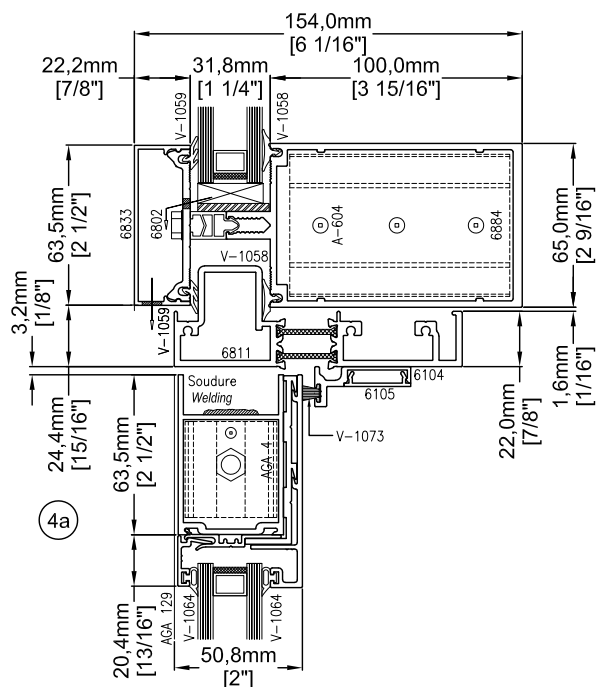


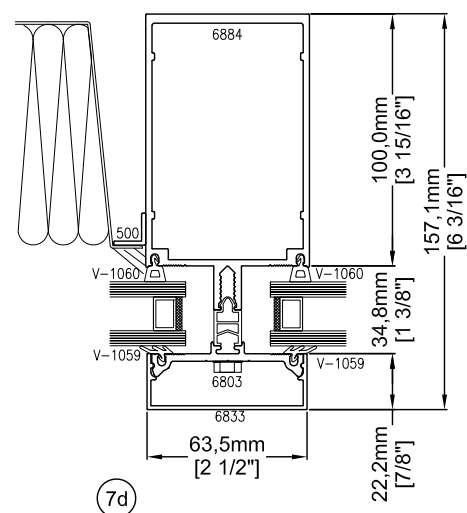
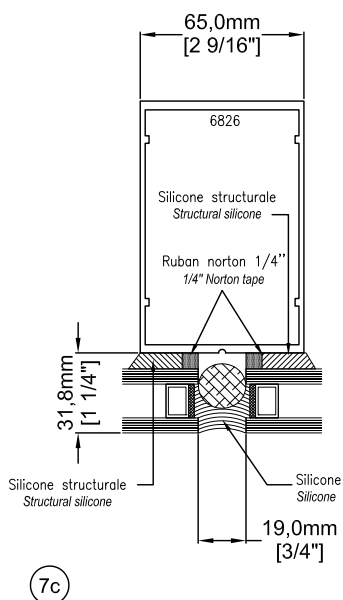
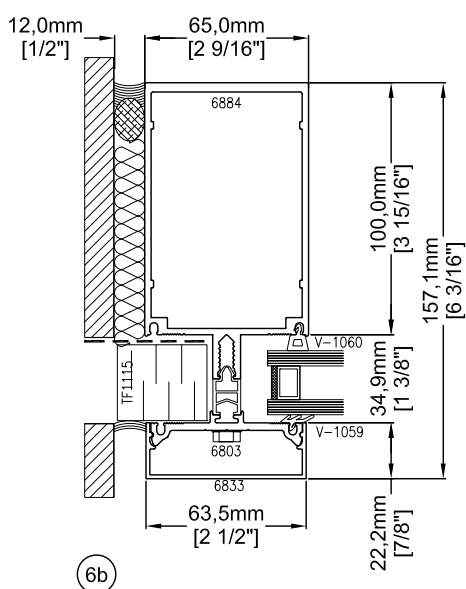
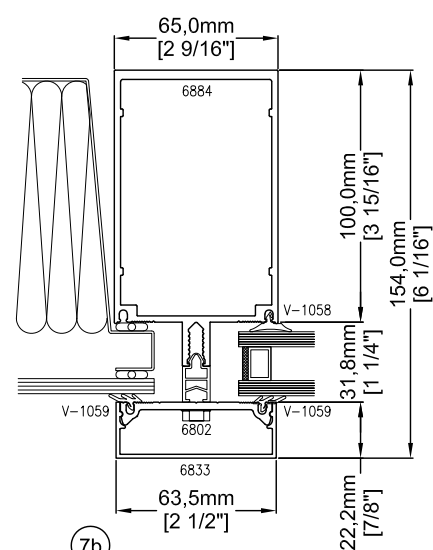
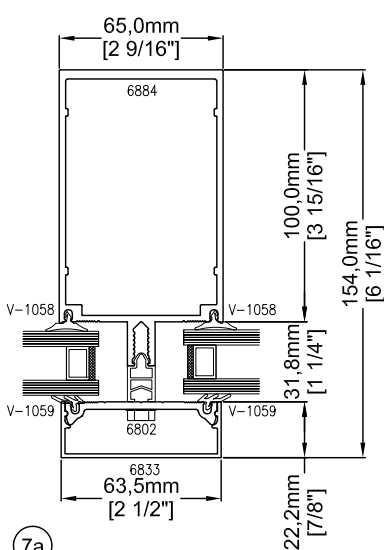
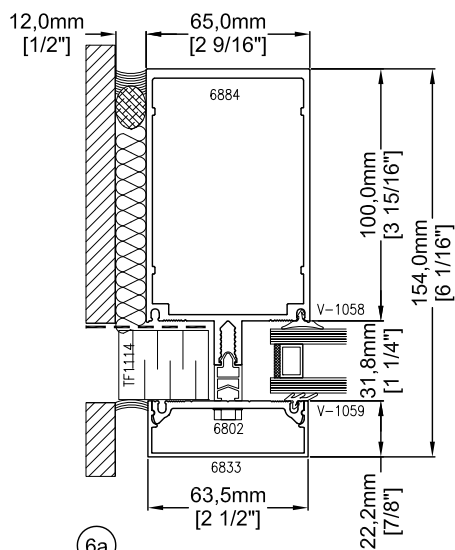
Meneau 6884, 6826 & 6874 Mullion



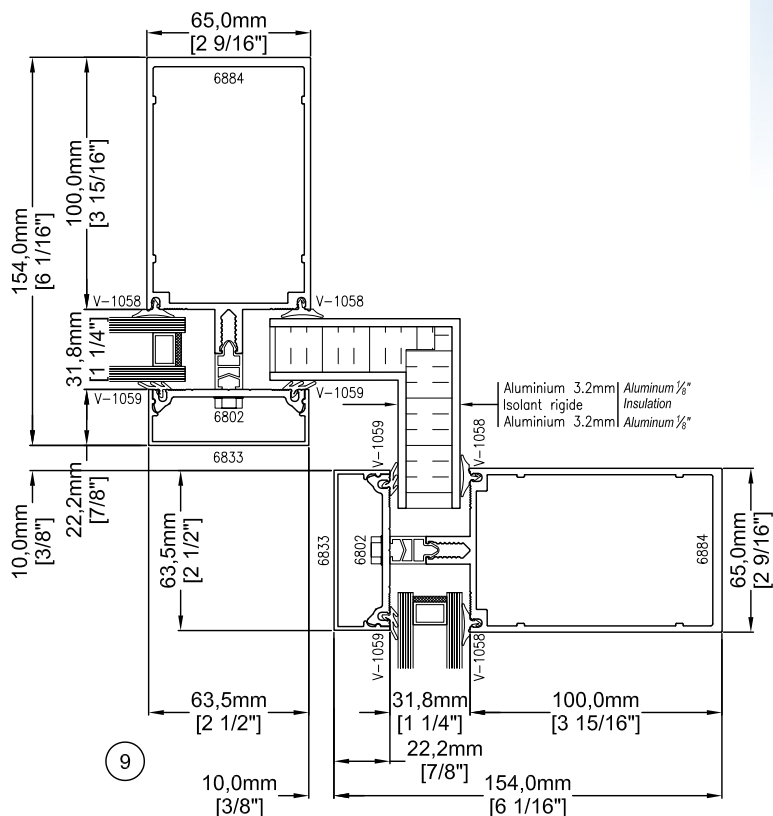
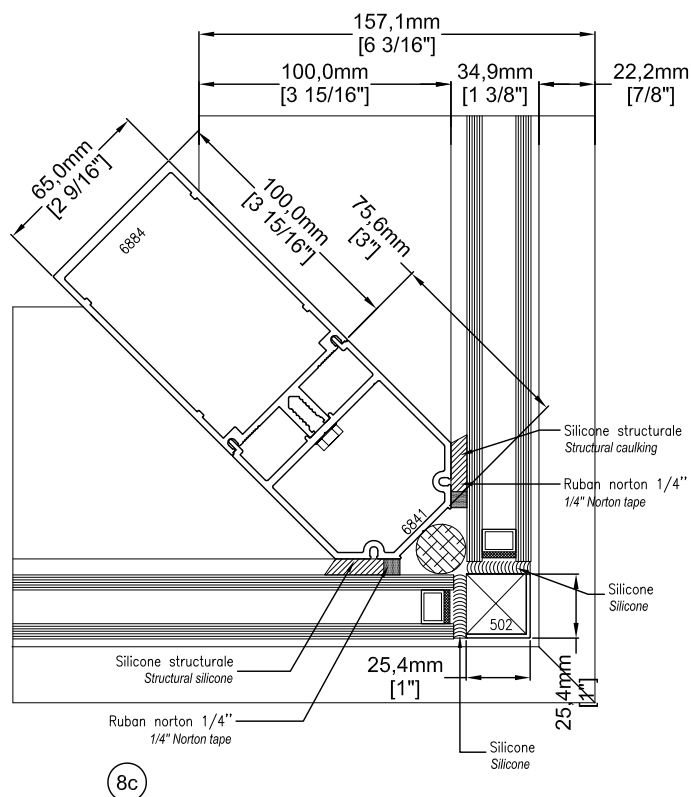
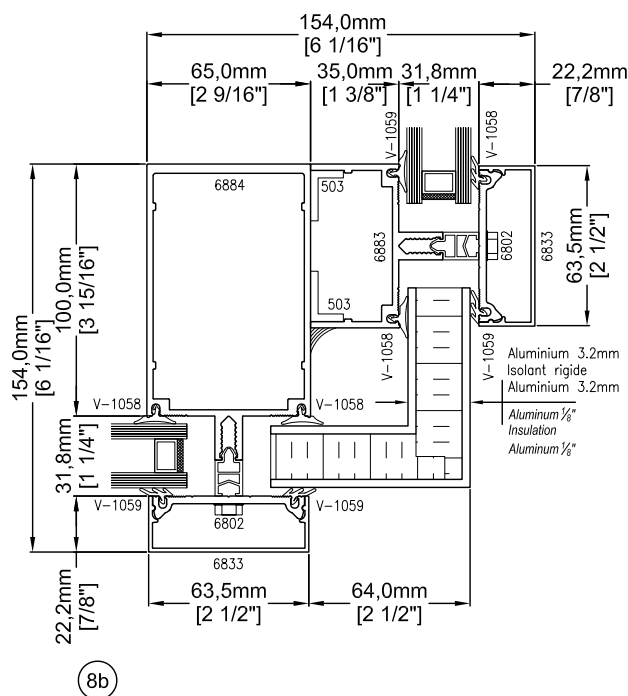
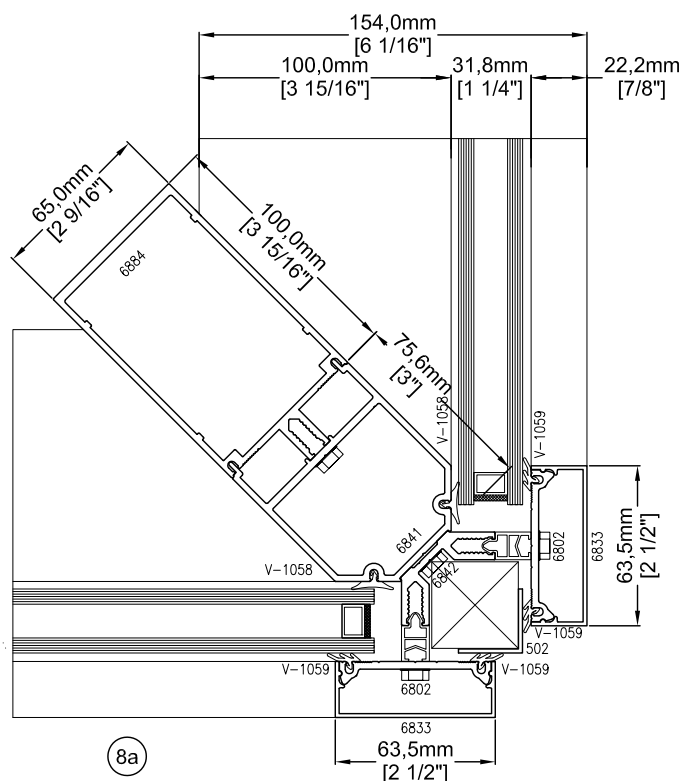
Détail vitrage à la silicone structurale
Structural silicone glazing detail



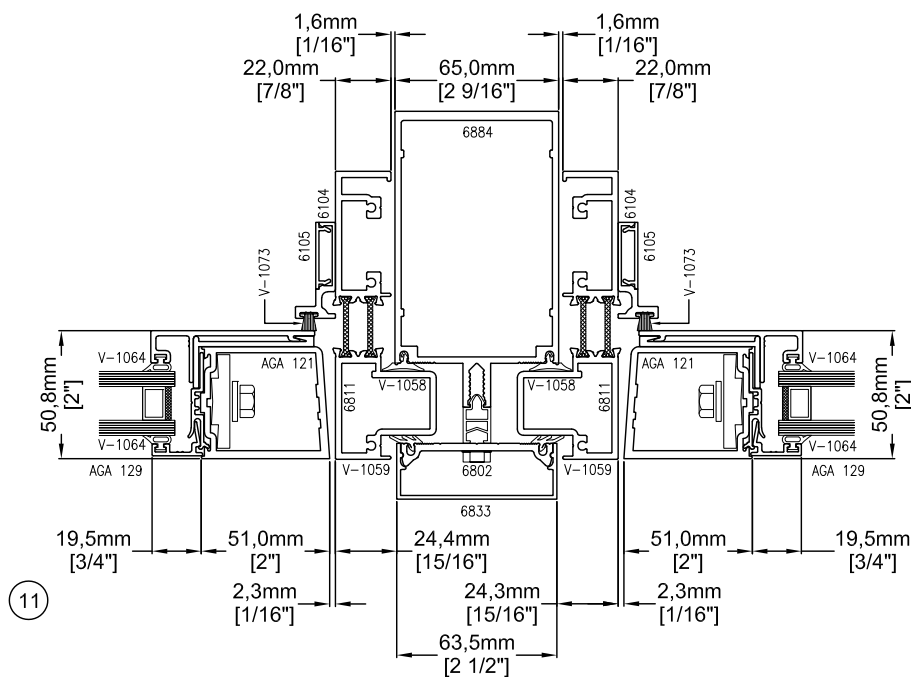
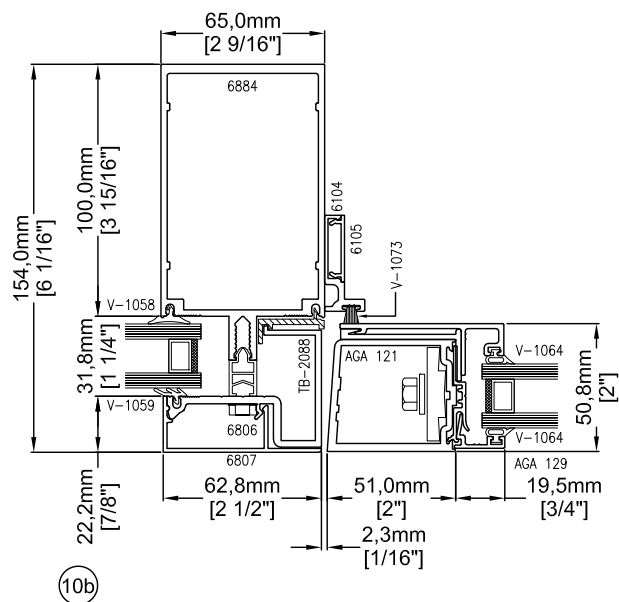
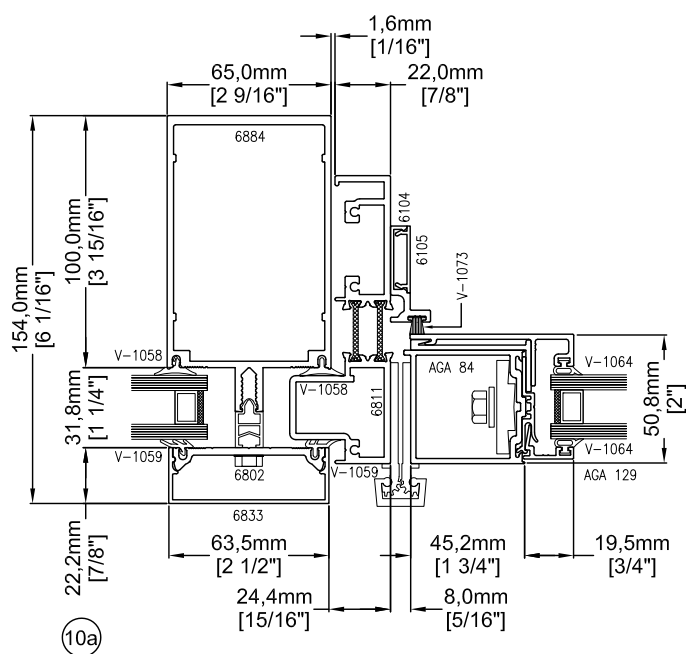




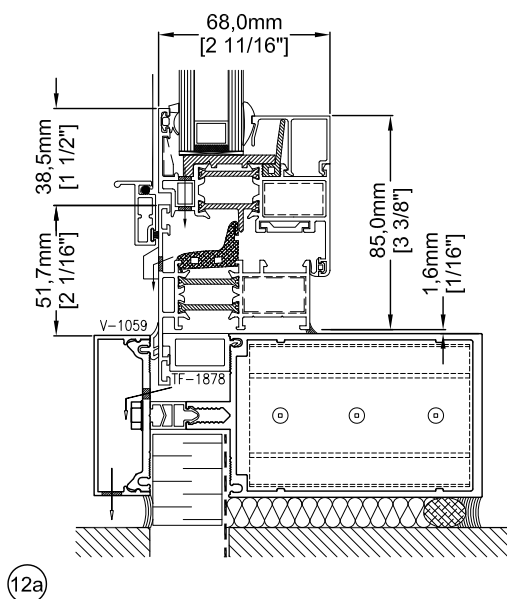
Détail vitrage à la silicone structurale
Structural silicone glazing detail



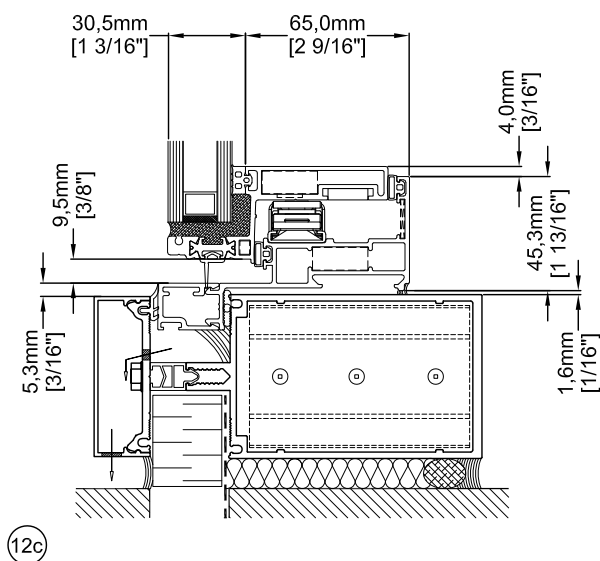
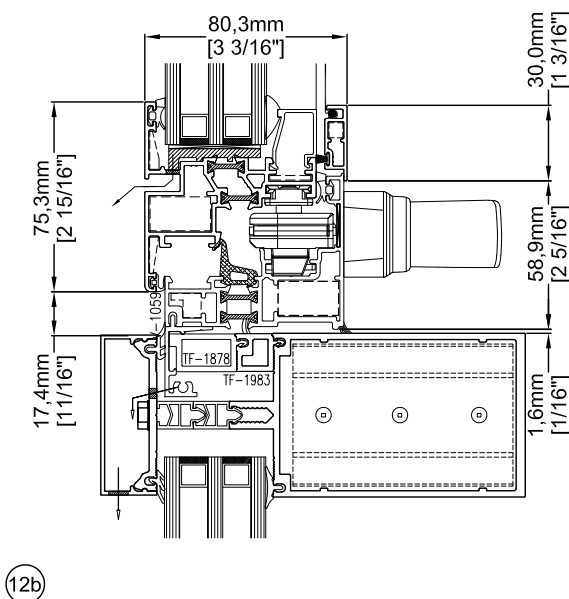
Détail vitrage à la silicone structurale
Structural silicone glazing detail



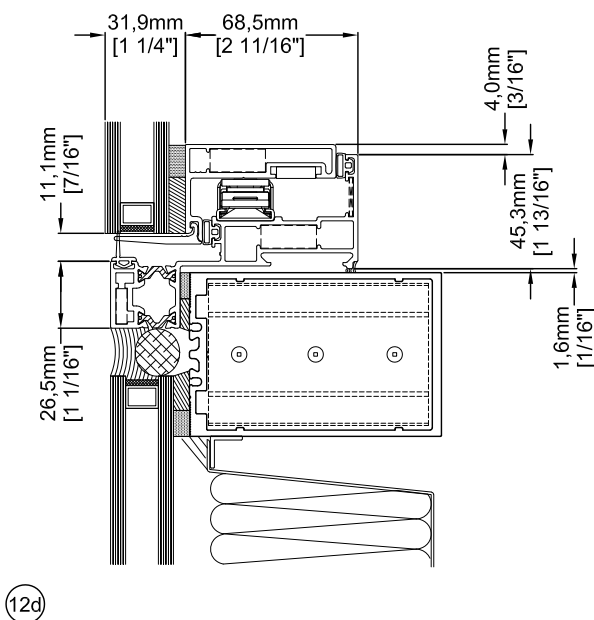
Insertion fenêtre / Window insertion



VOIR FENÊTRE 68STH
SEE 68STH WINDOWS



VOIR FENÊTRE 8500TI
SEE 8500TI WINDOWS

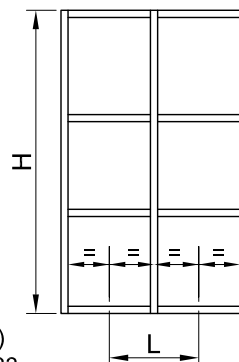


CHARGE LIMITE DES MENEUX VERTICAUX AVEC TRAVERSES LOAD LIMITATION FOR VERTICAL MULLIONS WITH INTERMEDIATE

Note :

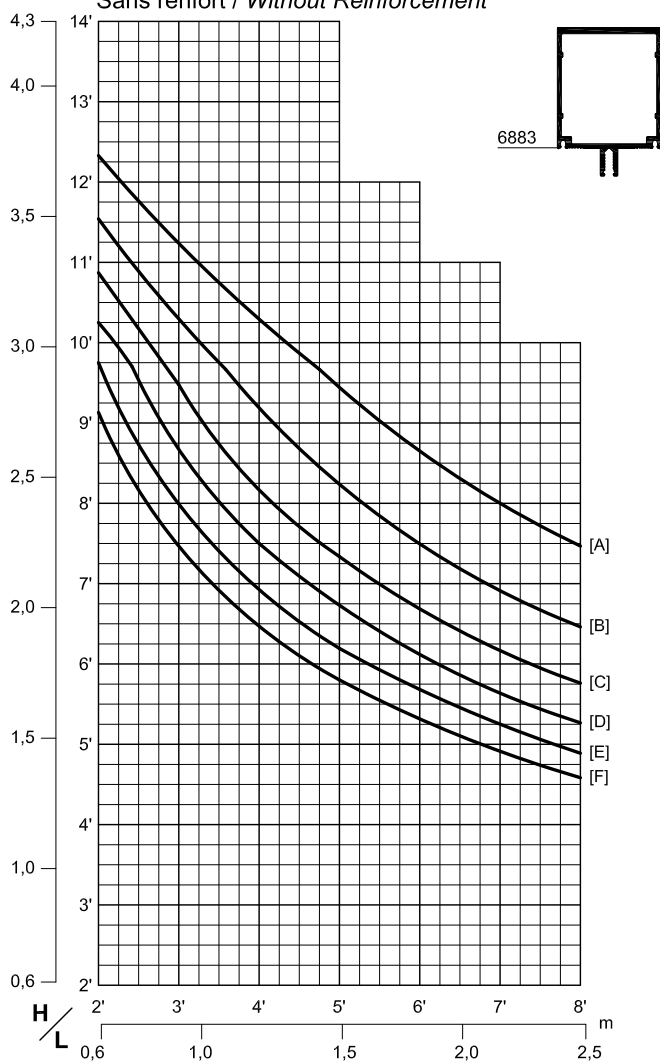
La surface extérieure du renfort en acier sera recouverte d'une membrane autocollante nonconductrice.

A self-adhesive nonconductive tape will be applied on the exterior sides of the steel reinforcement.

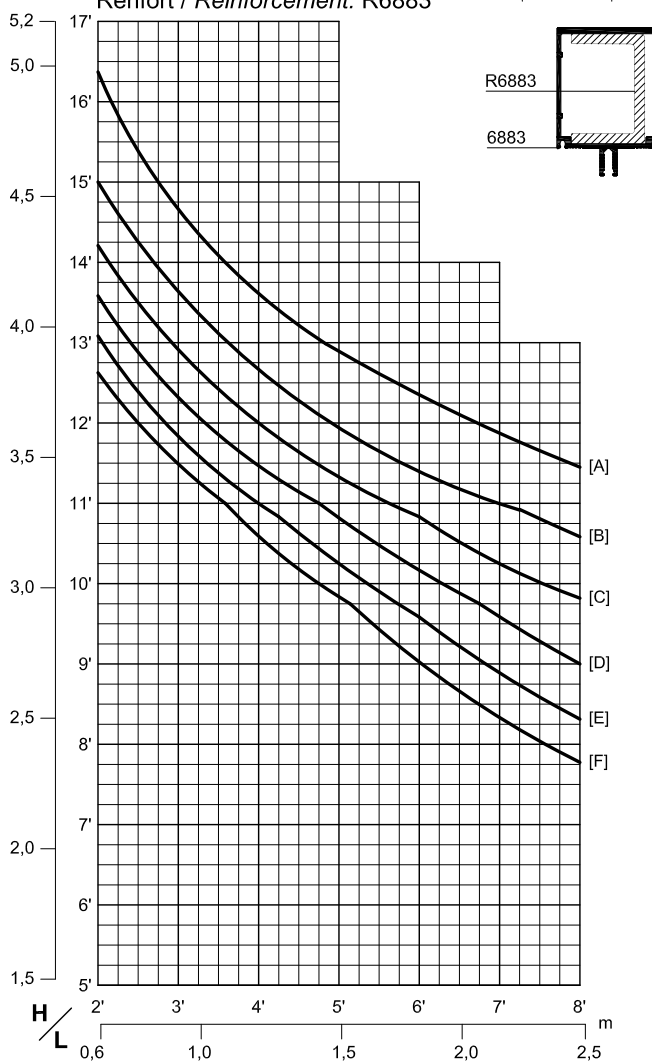


Série 6800HP Series

Série 6800HP Series
65mm x 75,4mm (2 9/16" x 3")
Sans renfort / Without Reinforcement



Série 6800HP Series
65mm x 75,4mm (2 9/16" x 3")
Renfort / Reinforcement: R6883



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)

Flèche maximale / Maximum deflection
H/175 ou/ou 19mm (3/4")

Charge limite des meneaux verticaux / Load limitation for vertical mullions

Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

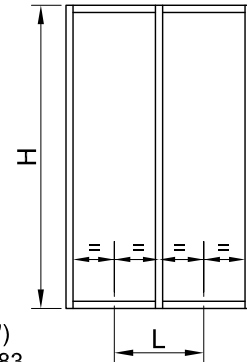
Calculs aux états limites (Ref. CNBC Partie 4) / Limit state design (Ref. NBCC Part 4).

CHARGE LIMITE DES MENEUX VERTICAUX SANS TRAVERSE LOAD LIMITATION FOR VERTICAL MULLIONS WITHOUT INTERMEDIATE

Note :

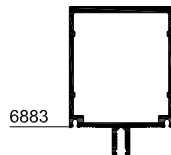
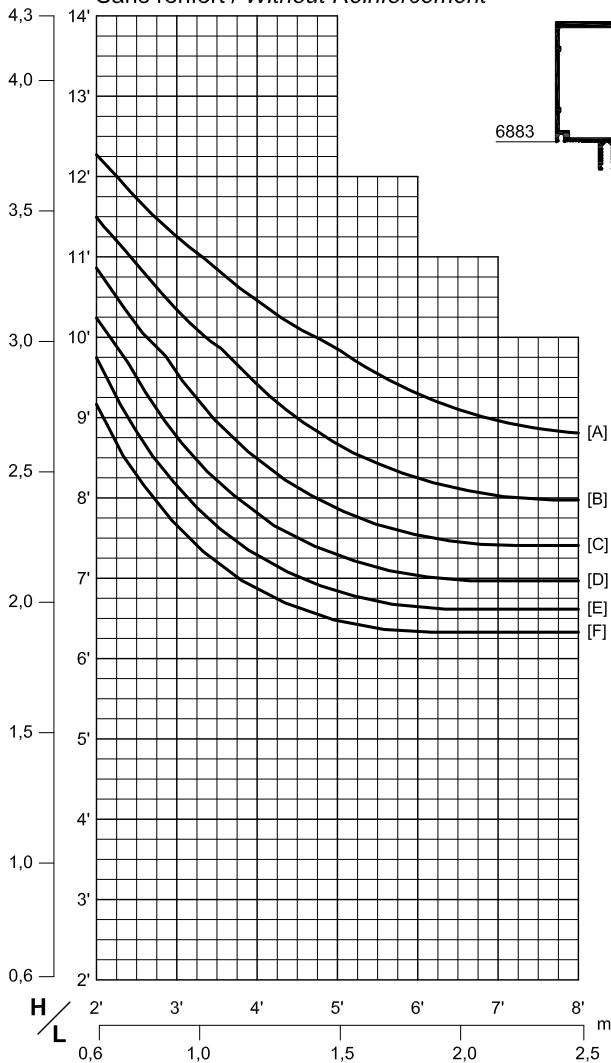
La surface extérieure du renfort en acier sera recouverte d'une membrane autocollante nonconductrice.

A self-adhesive nonconductive tape will be applied on the exterior sides of the steel reinforcement.

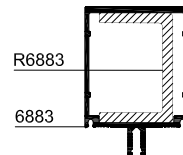
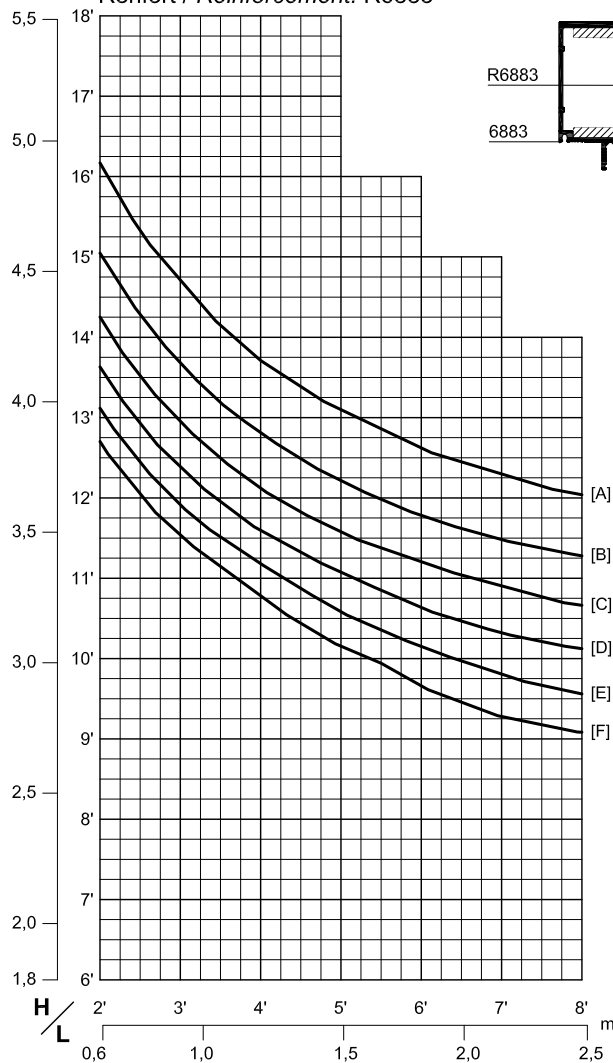


Série 6800HP Series

Série 6800HP Series
65mm x 75,4mm (2 9/16" x 3")
Sans renfort / Without Reinforcement



Série 6800HP Series
65mm x 75,4mm (2 9/16" x 3")
Renfort / Reinforcement: R6883



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)

Flèche maximale / Maximum deflection
H/175 ou/ou 19mm (3/4")

Charge limite des meneaux verticaux / Load limitation for vertical mullions

Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

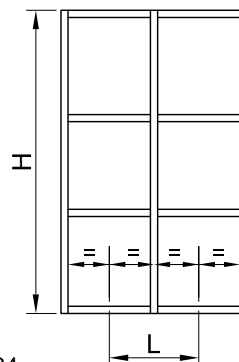
Calculs aux états limites (Ref. CNBC Partie 4) / Limit state design (Ref. NBCC Part 4).

CHARGE LIMITE DES MENEaux VERTICAUX AVEC TRAVERSES LOAD LIMITATION FOR VERTICAL MULLIONS WITH INTERMEDIATE

Note :

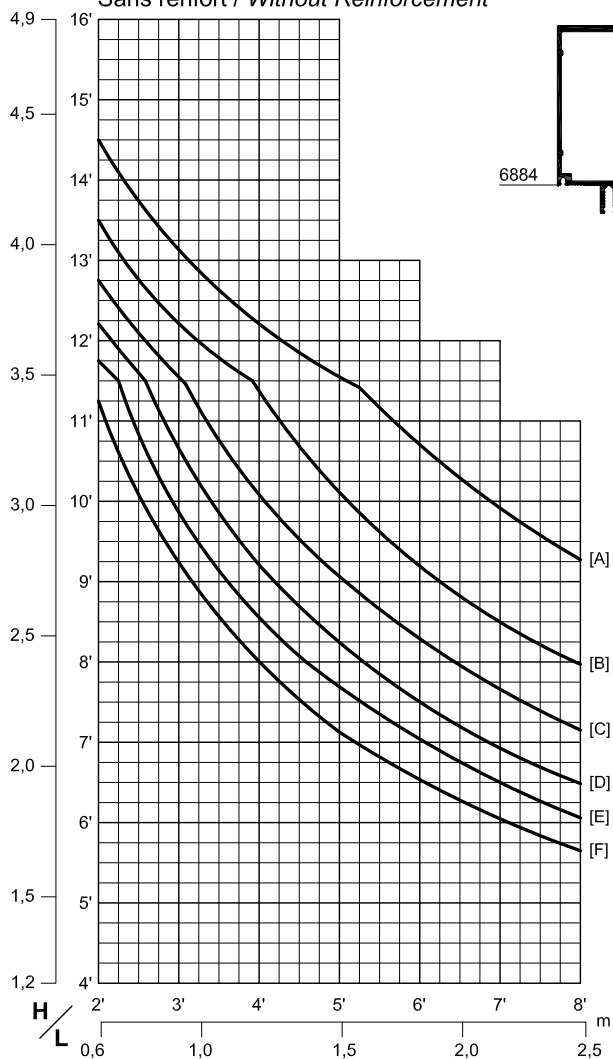
La surface extérieure du renfort en acier sera recouverte d'une membrane autocollante nonconductrice.

A self-adhesive nonconductive tape will be applied on the exterior sides of the steel reinforcement.

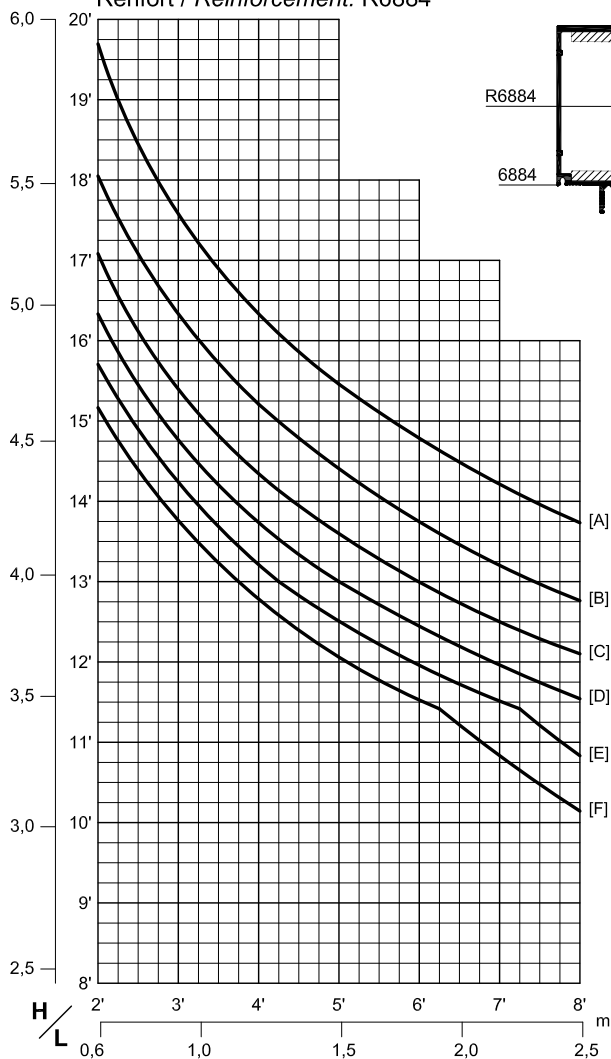


Série 6800HP Series

Série 6800HP Series
65mm x 100mm (2 9/16" x 4")
Sans renfort / Without Reinforcement



Série 6800HP Series
65mm x 100mm (2 9/16" x 4")
Renfort / Reinforcement: R6884



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)

Flèche maximale / Maximum deflection
H/175 ou/ou 19mm (3/4")

Charge limite des meneaux verticaux / Load limitation for vertical mullions

Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

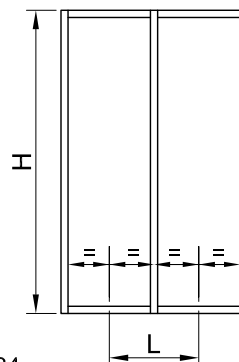
Calculs aux états limites (Ref. CNBC Partie 4) / Limit state design (Ref. NBCC Part 4).

CHARGE LIMITE DES MENEUX VERTICAUX SANS TRAVERSE LOAD LIMITATION FOR VERTICAL MULLIONS WITHOUT INTERMEDIATE

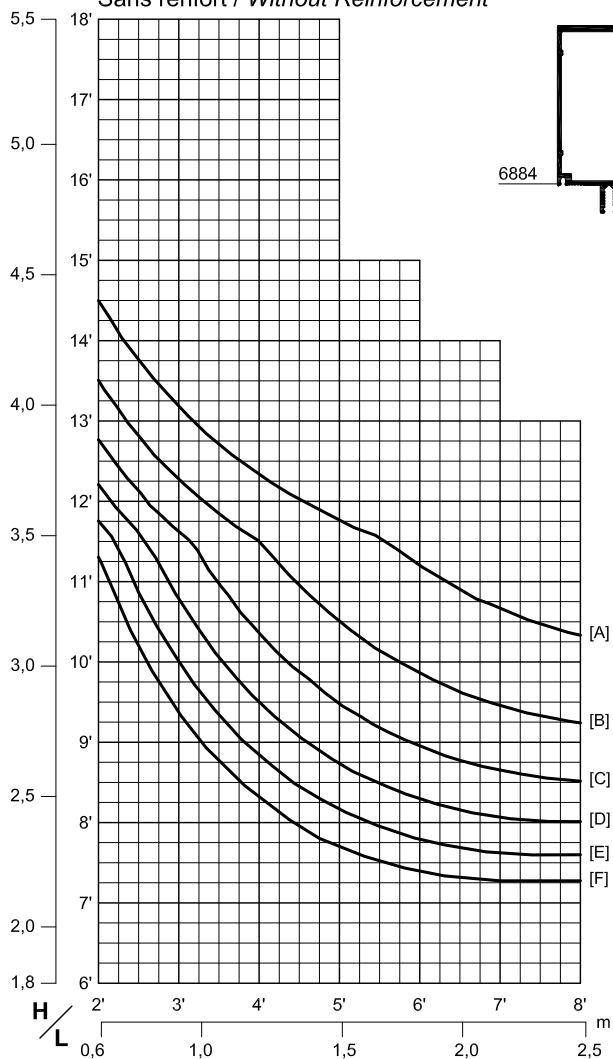
Note :

La surface extérieure du renfort en acier sera recouverte d'une membrane autocollante nonconductrice.

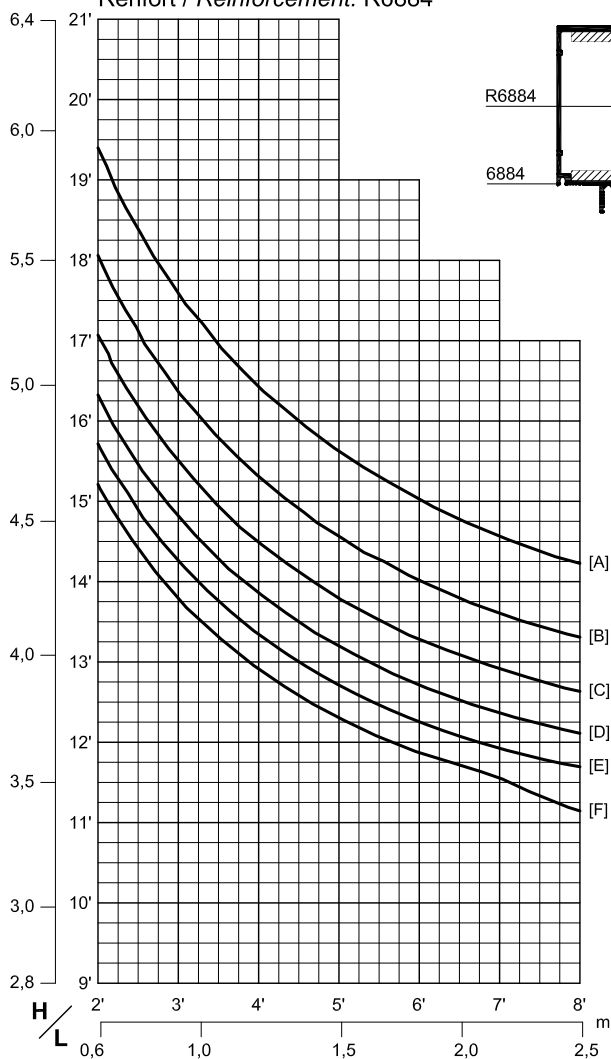
A self-adhesive nonconductive tape will be applied on the exterior sides of the steel reinforcement.



Série 6800HP Series
65mm x 100mm (2 9/16" x 4")
Sans renfort / Without Reinforcement



Série 6800HP Series
65mm x 100mm (2 9/16" x 4")
Renfort / Reinforcement: R6884



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)

Flèche maximale / Maximum deflection
H/175 ou/ou 19mm (3/4")

Charge limite des meneaux verticaux / Load limitation for vertical mullions

Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

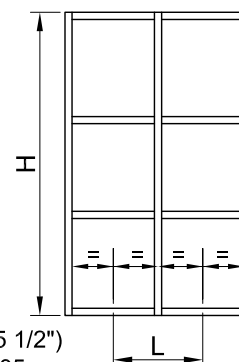
Calculs aux états limites (Ref. CNBC Partie 4) / Limit state design (Ref. NBCC Part 4).

CHARGE LIMITE DES MENEUX VERTICAUX AVEC TRAVERSES LOAD LIMITATION FOR VERTICAL MULLIONS WITH INTERMEDIATE

Note :

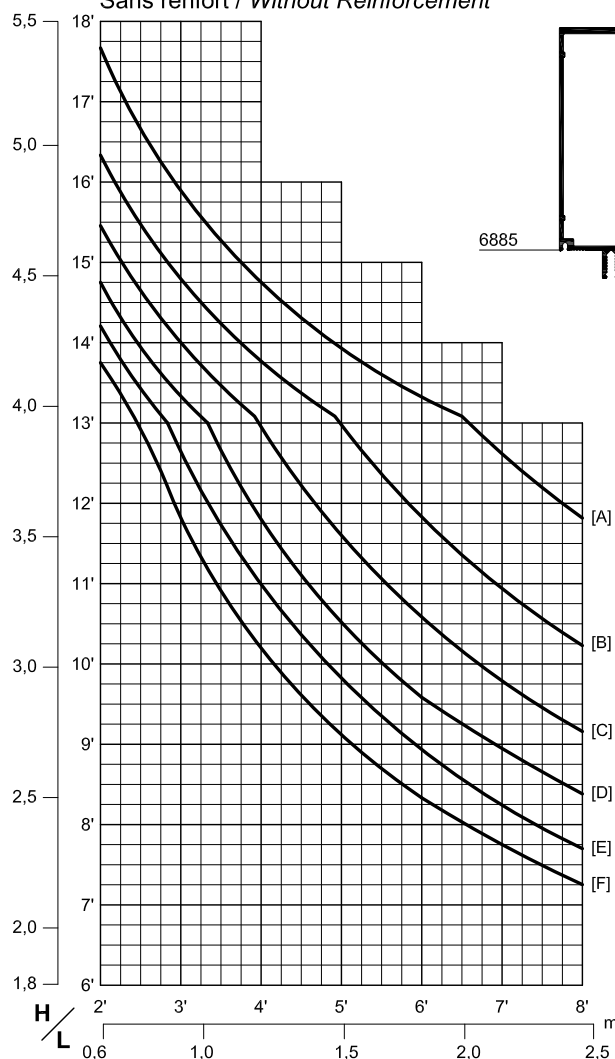
La surface extérieure du renfort en acier sera recouverte d'une membrane autocollante nonconductrice.

A self-adhesive nonconductive tape will be applied on the exterior sides of the steel reinforcement.

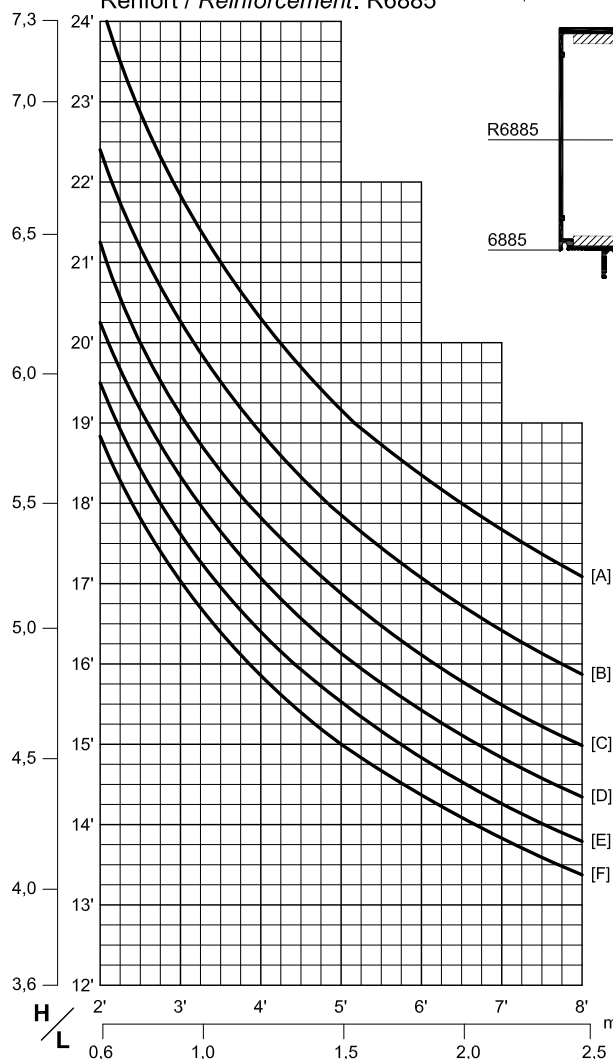


Série 6800HP Series

Série 6800HP Series
65mm x 139,7mm (2 9/16" x 5 1/2")
Sans renfort / Without Reinforcement



Série 6800HP Series
65mm x 139,7mm (2 9/16" x 5 1/2")
Renfort / Reinforcement: R6885



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)

Flèche maximale / Maximum deflection
H/175 ou/ou 19mm (3/4")

Charge limite des meneaux verticaux / Load limitation for vertical mullions

Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

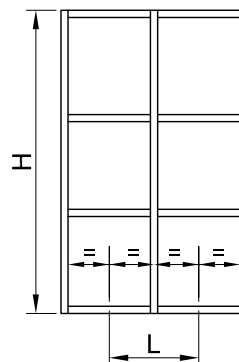
Calculs aux états limites (Ref. CNBC Partie 4) / Limit state design (Ref. NBCC Part 4).

CHARGE LIMITE DES MENEUX VERTICAUX AVEC TRAVERSES LOAD LIMITATION FOR VERTICAL MULLIONS WITH INTERMEDIATE

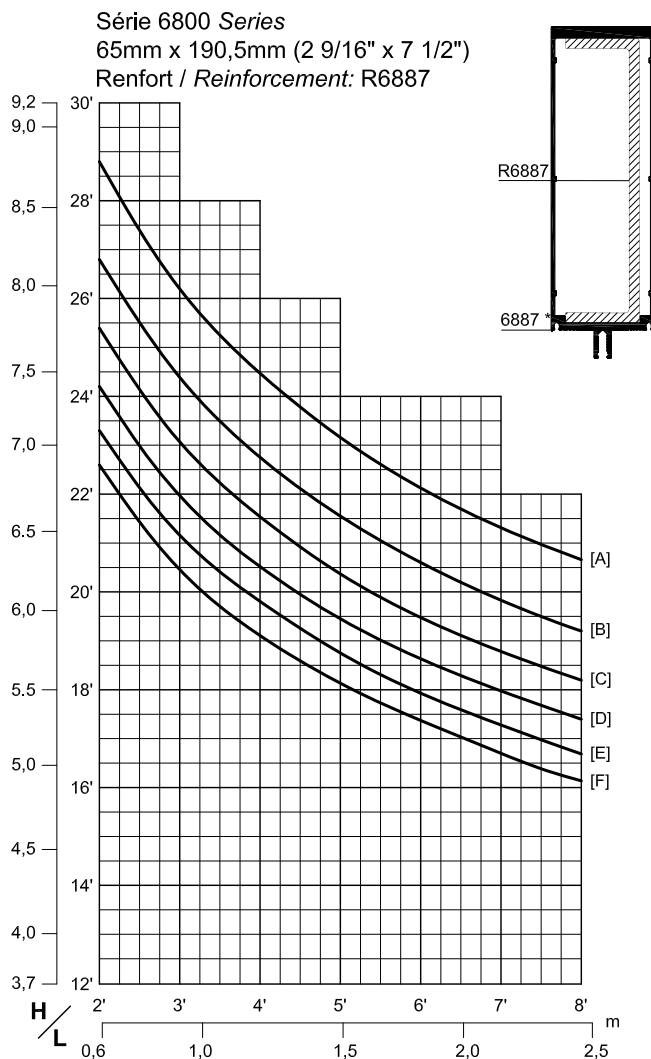
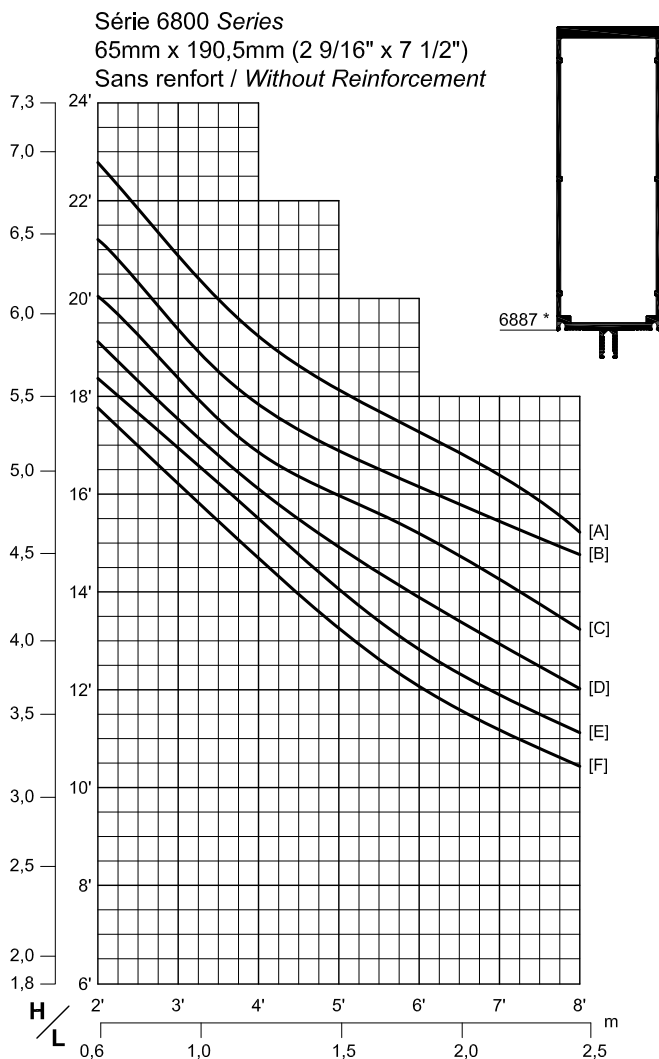
Note:

La surface extérieure du renfort en acier sera recouverte d'une membrane autocollante nonconductrice.

A self-adhesive nonconductive tape will be applied on the exterior sides of the steel reinforcement.



Série 6800HP Series



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)

Flèche maximale / Maximum deflection
H/175 ou/ou 19mm (3/4")

Charge limite des meneaux verticaux / Load limitation for vertical mullions

Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

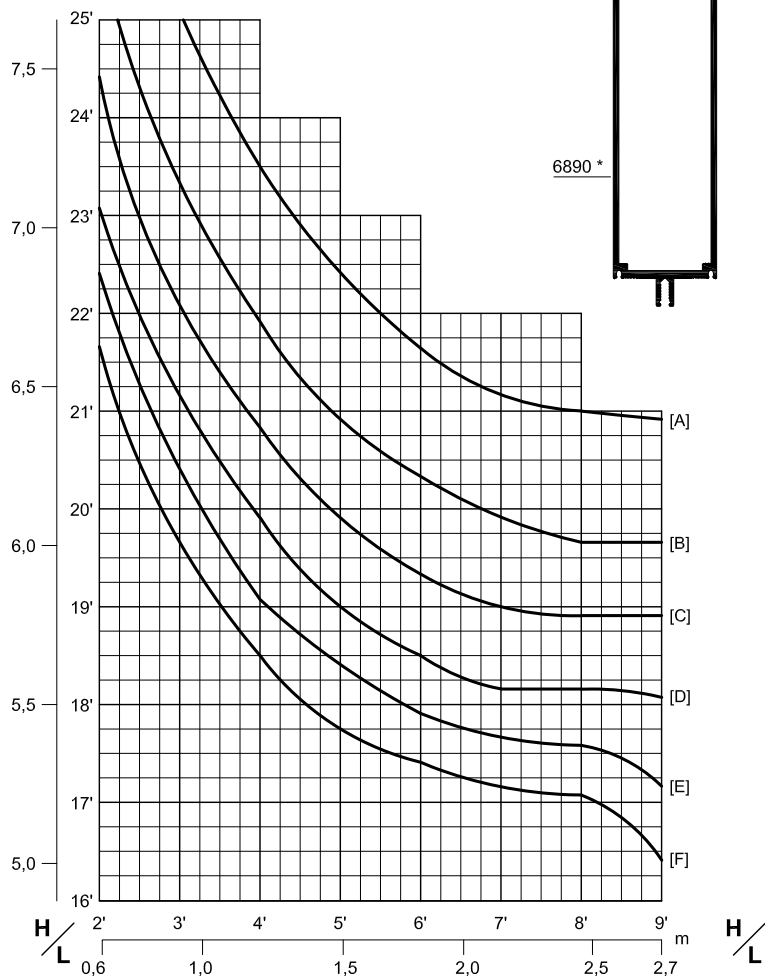
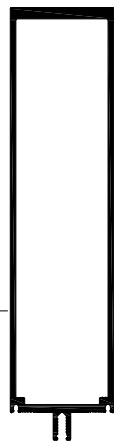
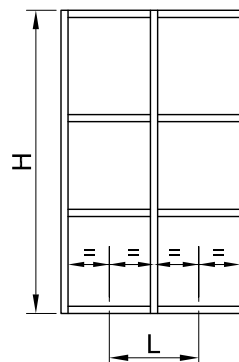
Calculs aux états limites (Ref. CNBCC Partie 4) / Limit state design (Ref. NBCC Part 4).

CHARGE LIMITE DES MENEUX VERTICAUX AVEC TRAVERSES LOAD LIMITATION FOR VERTICAL MULLIONS WITH INTERMEDIATE

Série 6800 Series

65mm x 254mm (2 9/16" x 10")

Sans renfort / Without Reinforcement



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)	Flèche maximale / Maximum deflection H/175 ou/ou 19mm (3/4")
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)	
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)	

Charge limite des meneaux verticaux / Load limitation for vertical mullions

Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

Calculs aux états limites (Ref. CNB Part 4) / Limit state design (Ref. NBCC Part 4).

CHARGE LIMITE DES MENEUX VERTICAUX AVEC TRAVERSES LOAD LIMITATION FOR VERTICAL MULLIONS WITH INTERMEDIATE

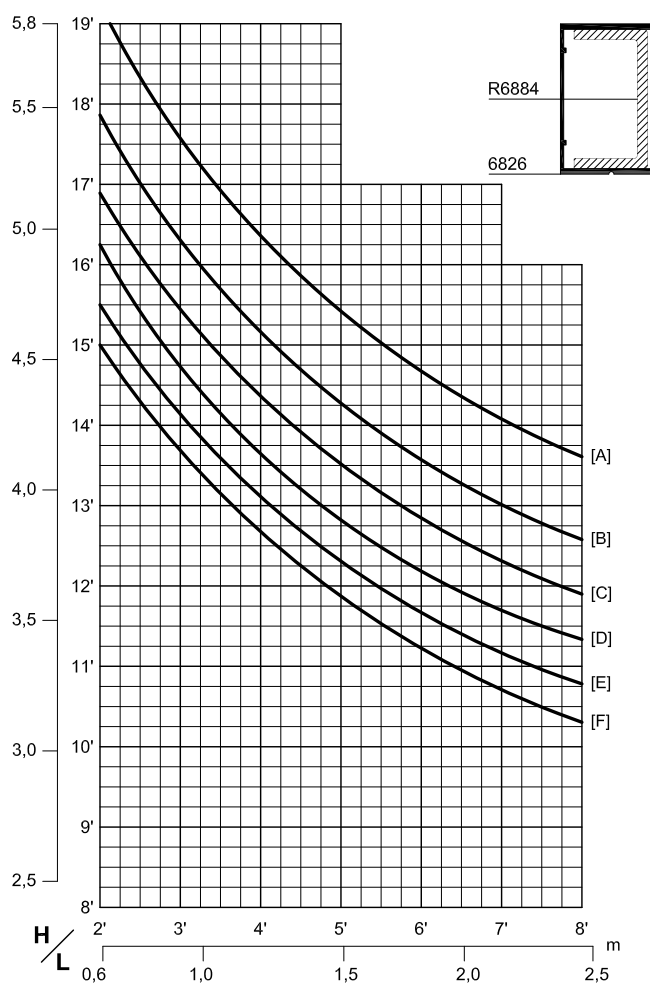
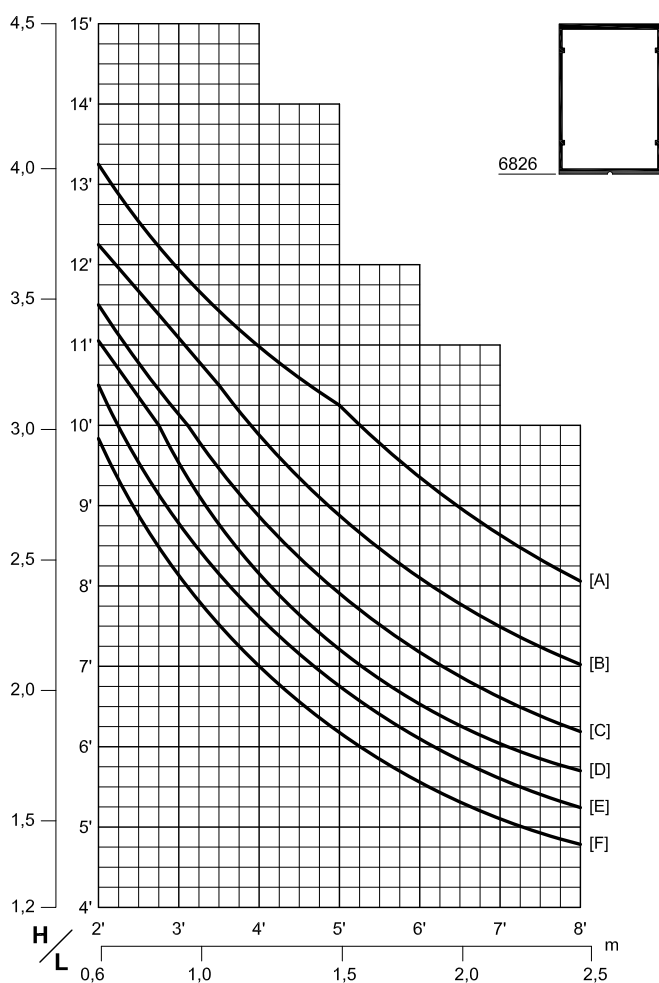
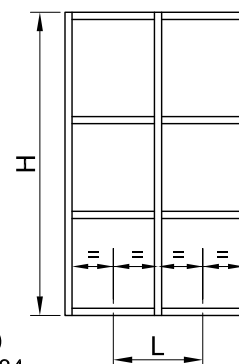
Note :

La surface extérieure du renfort en acier sera recouverte d'une membrane autocollante nonconductrice.

A self-adhesive nonconductive tape will be applied on the exterior sides of the steel reinforcement.

Série 6800HP Series
65mm x 100mm (2 9/16" x 4")
Sans renfort / Without Reinforcement

Série 6800HP Series
65mm x 100mm (2 9/16" x 4")
Renfort / Reinforcement: R6884



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)

Flèche maximale / Maximum deflection
H/175 ou/ou 19mm (3/4")

Charge limite des meneaux verticaux / Load limitation for vertical mullions

Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

Calculs aux états limites (Ref. CNBC Partie 4) / Limit state design (Ref. NBCC Part 4).

CHARGE LIMITE DES MENEUX VERTICAUX SANS TRAVERSE LOAD LIMITATION FOR VERTICAL MULLIONS WITHOUT INTERMEDIATE

Note :

La surface extérieure du renfort en acier sera recouverte d'une membrane autocollante nonconductrice.

A self-adhesive nonconductive tape will be applied on the exterior sides of the steel reinforcement.

Série 6800HP Series

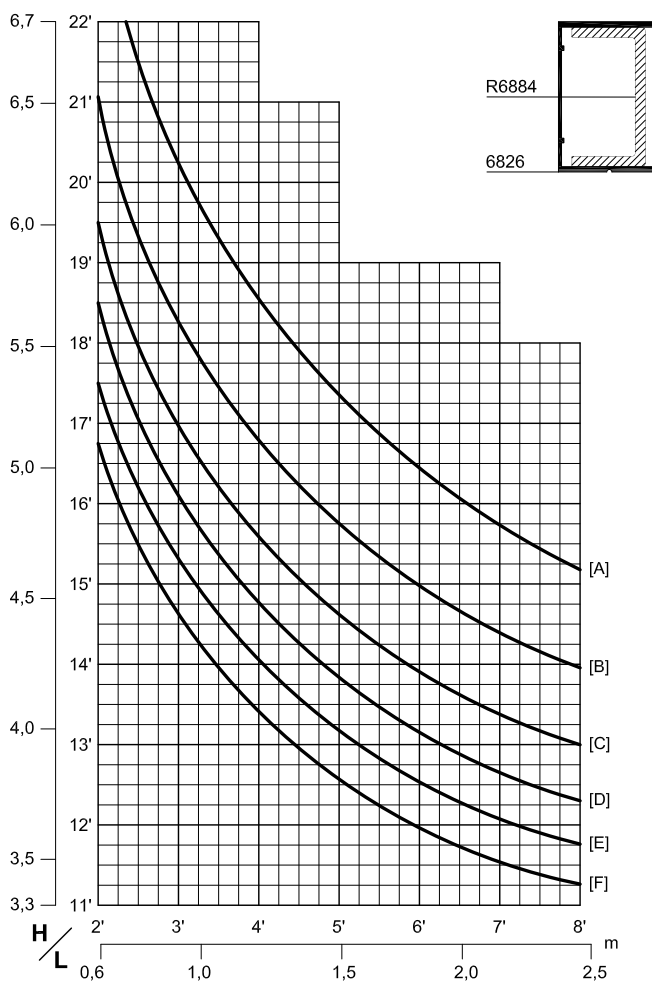
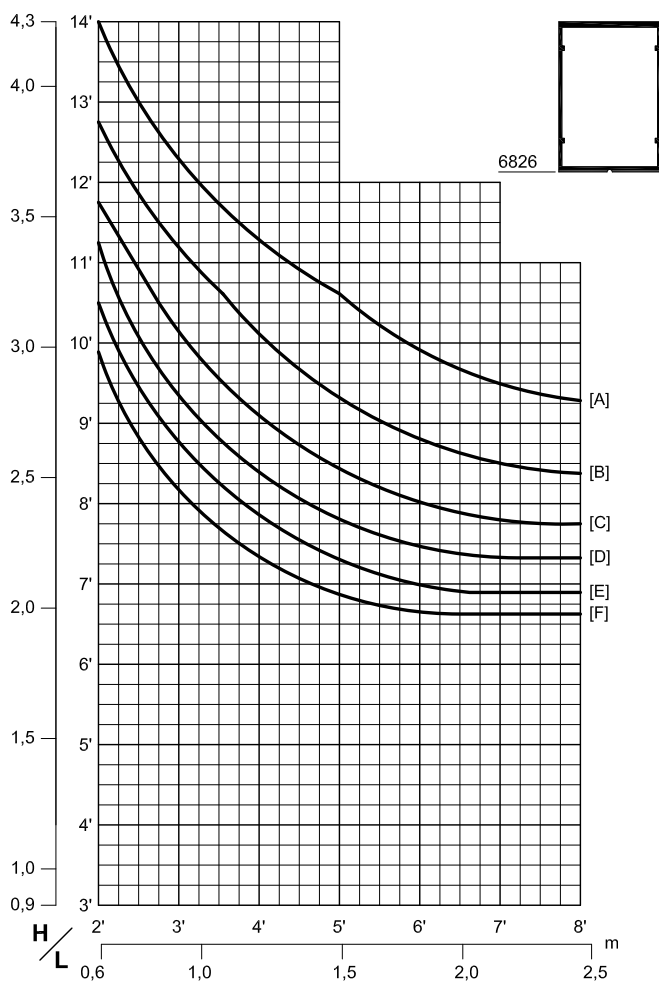
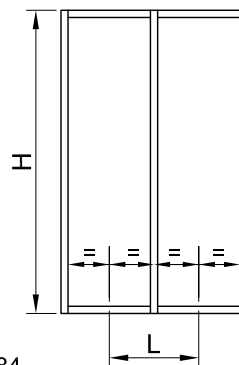
65mm x 100mm (2 9/16" x 4")

Sans renfort / Without Reinforcement

Série 6800HP Series

65mm x 100mm (2 9/16" x 4")

Renfort / Reinforcement: R6884



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)

Flèche maximale / Maximum deflection
H/175 ou/ou 19mm (3/4")

Charge limite des meneaux verticaux / Load limitation for vertical mullions

Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

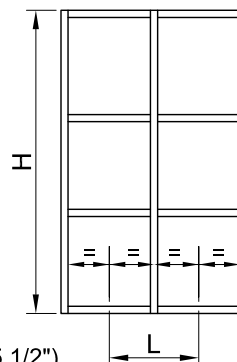
Calculs aux états limites (Ref. CNBC Partie 4) / Limit state design (Ref. NBCC Part 4).

CHARGE LIMITE DES MENEUX VERTICAUX AVEC TRAVERSES LOAD LIMITATION FOR VERTICAL MULLIONS WITH INTERMEDIATE

Note :

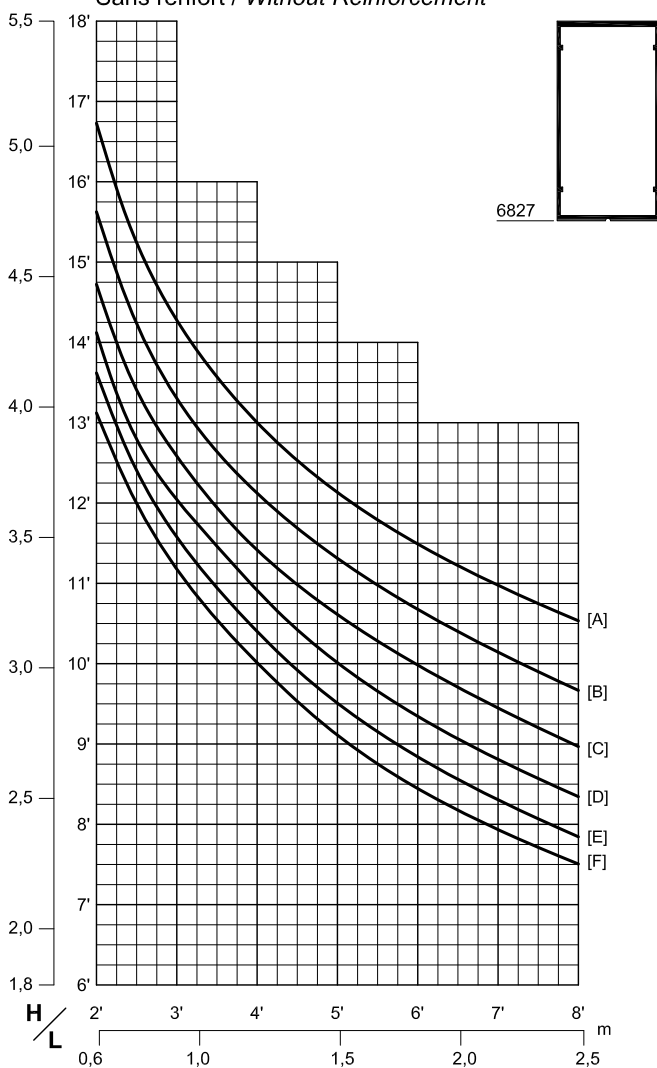
La surface extérieure du renfort en acier sera recouverte d'une membrane autocollante nonconductrice.

A self-adhesive nonconductive tape will be applied on the exterior sides of the steel reinforcement.

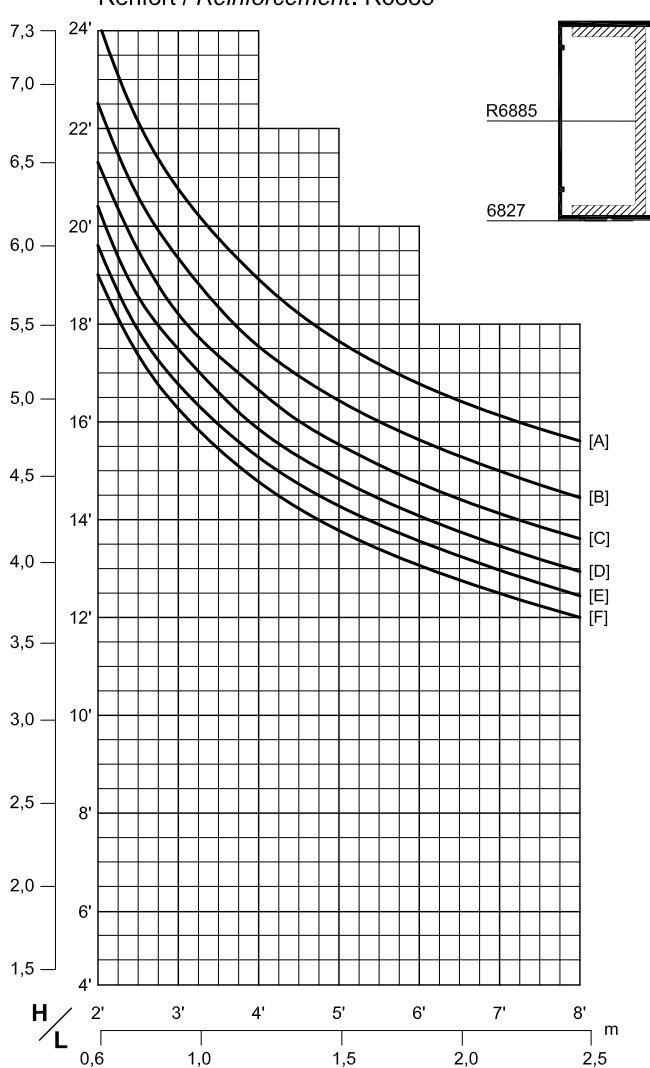


Série 6800HP Series

Série 6800HP Series
65mm x 139,7mm (2 9/16" x 5 1/2")
Sans renfort / Without Reinforcement



Série 6800HP Series
65mm x 139,7mm (2 9/16" x 5 1/2")
Renfort / Reinforcement: R6885



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)

Flèche maximale / Maximum deflection
H/175 ou/ou 19mm (3/4")

Charge limite des meneaux verticaux / Load limitation for vertical mullions

Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

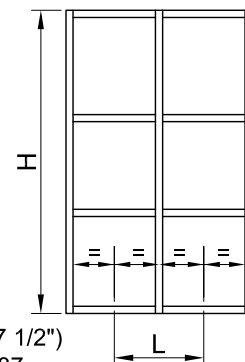
Calculs aux états limites (Ref. CNBC Partie 4) / Limit state design (Ref. NBCC Part 4).

CHARGE LIMITE DES MENEUX VERTICAUX AVEC TRAVERSES LOAD LIMITATION FOR VERTICAL MULLIONS WITH INTERMEDIATE

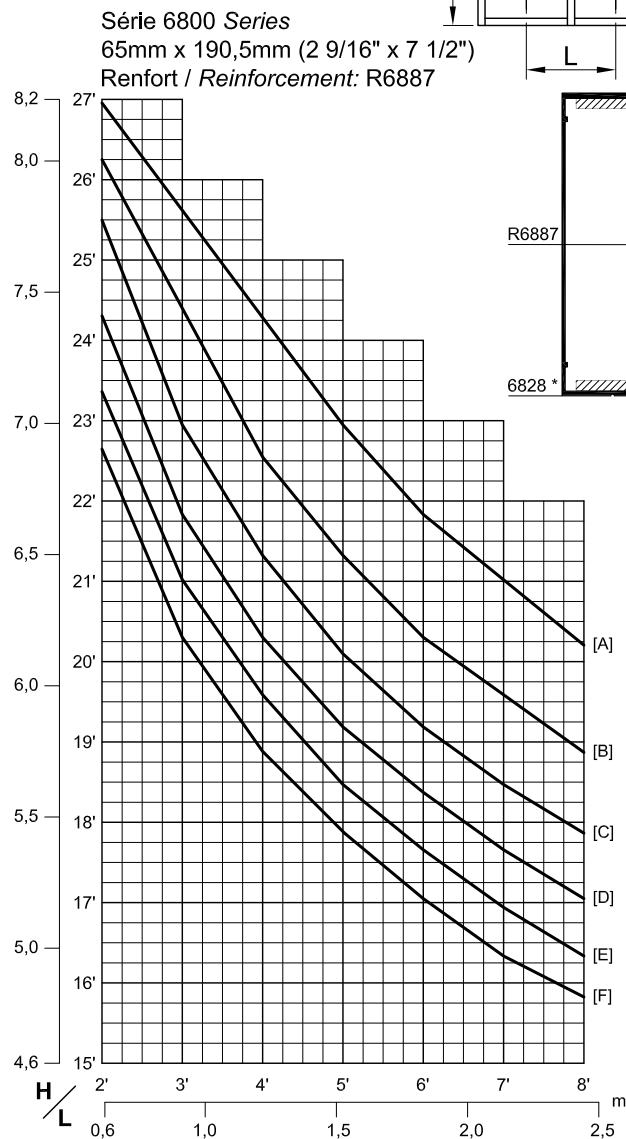
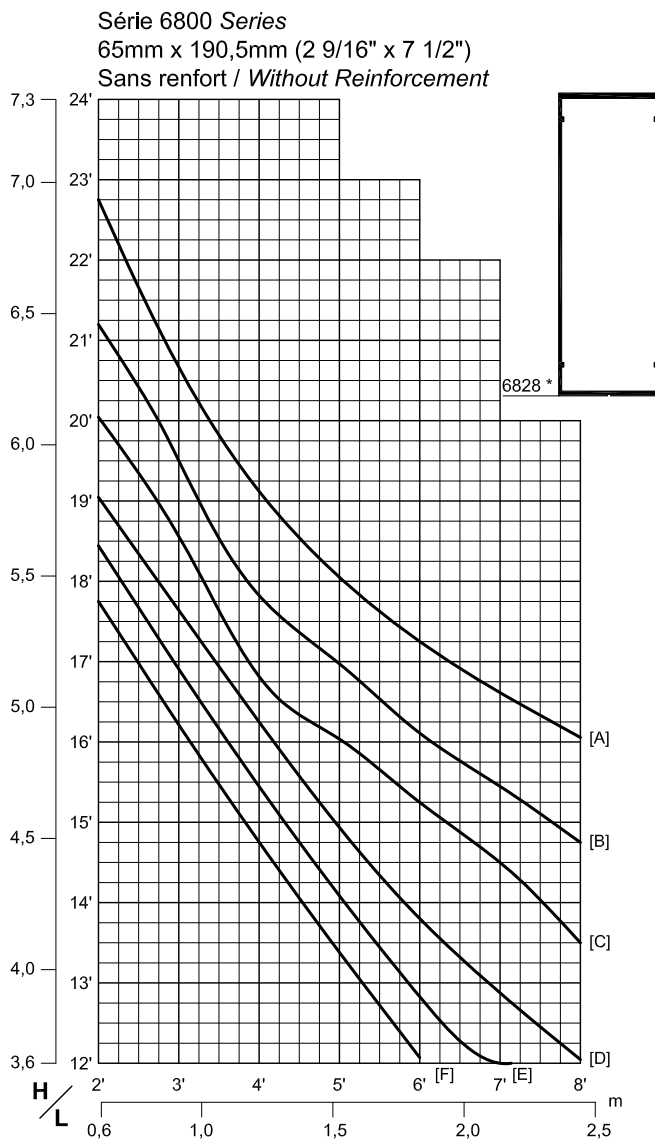
Note:

La surface extérieure du renfort en acier sera recouverte d'une membrane autocollante nonconductrice.

A self-adhesive nonconductive tape will be applied on the exterior sides of the steel reinforcement.



Série 6800HP Series



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)

Flèche maximale / Maximum deflection
H/175 ou/ou 19mm (3/4")

Charge limite des meneaux verticaux / Load limitation for vertical mullions

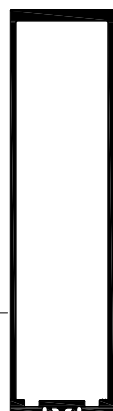
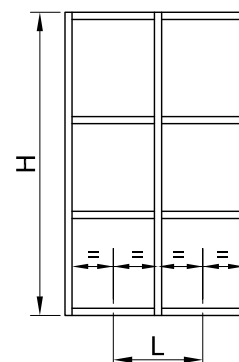
Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

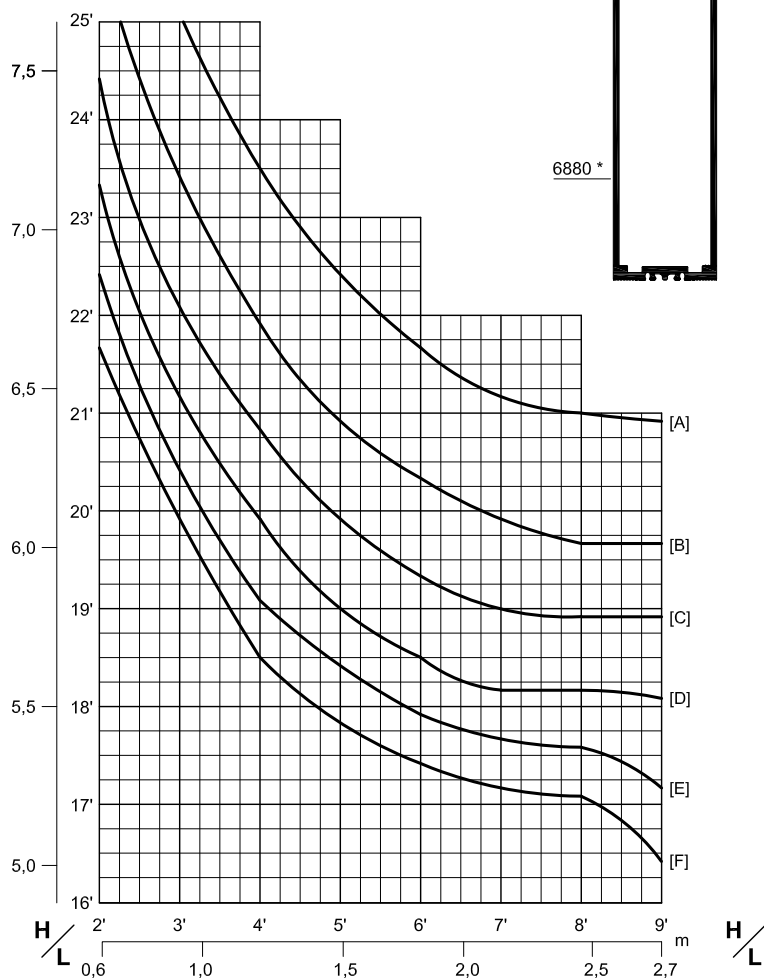
Calculs aux états limites (Ref. CNBC Partie 4) / Limit state design (Ref. NBCC Part 4).

CHARGE LIMITE DES MENEUX VERTICAUX AVEC TRAVERSES LOAD LIMITATION FOR VERTICAL MULLIONS WITH INTERMEDIATE

Série 6800 Series
65mm x 254mm (2 9/16" x 10")
Sans renfort / Without Reinforcement



6880 *



[A] 15 lbs/pi² - psf (0,72kPa)	[B] 20 lbs/pi² - psf (0,96kPa)
[C] 25 lbs/pi² - psf (1,2kPa)	[D] 30 lbs/pi² - psf (1,44kPa)
[E] 35 lbs/pi² - psf (1,68kPa)	[F] 40 lbs/pi² - psf (1,93kPa)

Flèche maximale / Maximum deflection
H/175 ou/ou 19mm (3/4")

Charge limite des meneaux verticaux / Load limitation for vertical mullions

Les courbes tiennent compte du critère le plus restrictif, soit la flèche maximale ou la contrainte maximale.

The curves take into account the most restrictive criterion, i.e. the maximum deflection or the allowable stress.

Calculs aux états limites (Ref. CNBC Partie 4) / Limit state design (Ref. NBCC Part 4).