

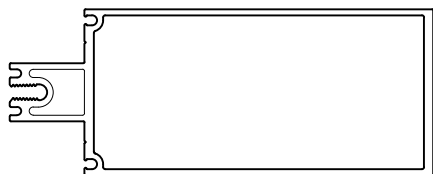
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Windload charts

Graphiques des charges de vent

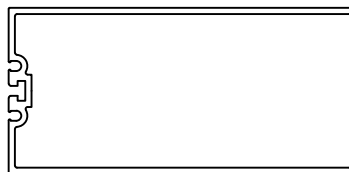
Windload charts are used for fenestration designs that incorporate the use of horizontals (Capped and SSG)

Les graphiques des charges de vent être utilisés pour la conception de surface vitrée comportant l'utilisation de traverses horizontales (Système à couvercles à enclenchement ou vss)



Capped

Couvercles à enclenchement



SSG

Silicone structurale

Windload Chart 1.4.101 - 1.4.130
Graphiques des charges de vent

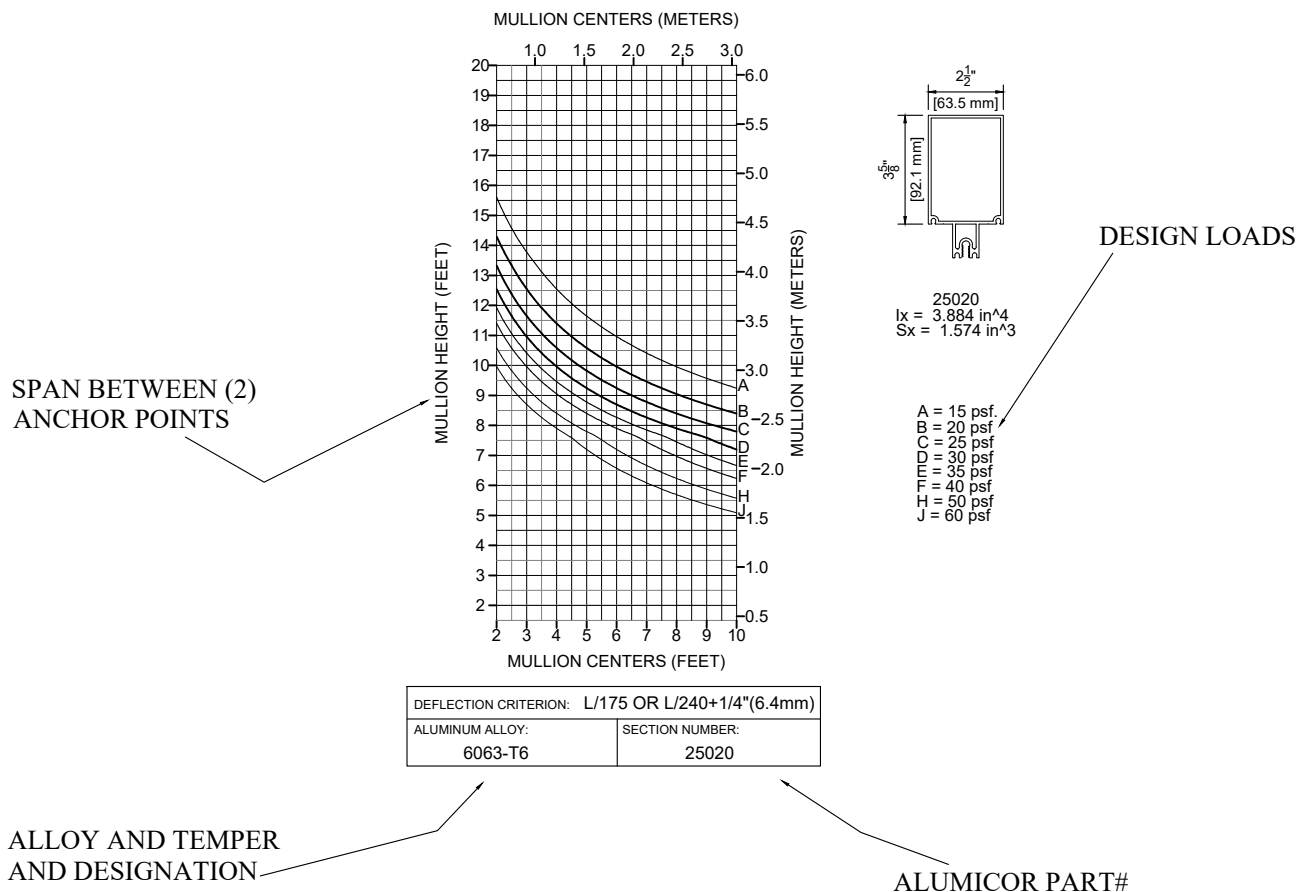
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Windload chart

THE FOLLOWING WIND LOAD CHARTS ARE TO BE USED FOR FENESTRATION DESIGNS THAT **INCORPORATE THE USE OF HORIZONTALS**. USER MUST PAY STRICT ATTENTION TO THE FOLLOWING:

- Curves represent limiting parameters based on the specified permissible deflection, allowable strength for the aluminum alloy as specified and a linear uniformly distributed load applied to a simply supported span. Reinforcement fastened using minimum #12 screws at maximum 12" (304.8 mm) c.c.
- The charts should be used as a budget or design guide. For actual engineering purposes the structural properties of the mullions are shown as "ix" and "sx"
- The deflection criterion for these charts is $L/175$ or $L/240+1/4"$ (6.4 mm)

EXAMPLE:



Pour la version en français, veuillez voir la page: 1.4.102

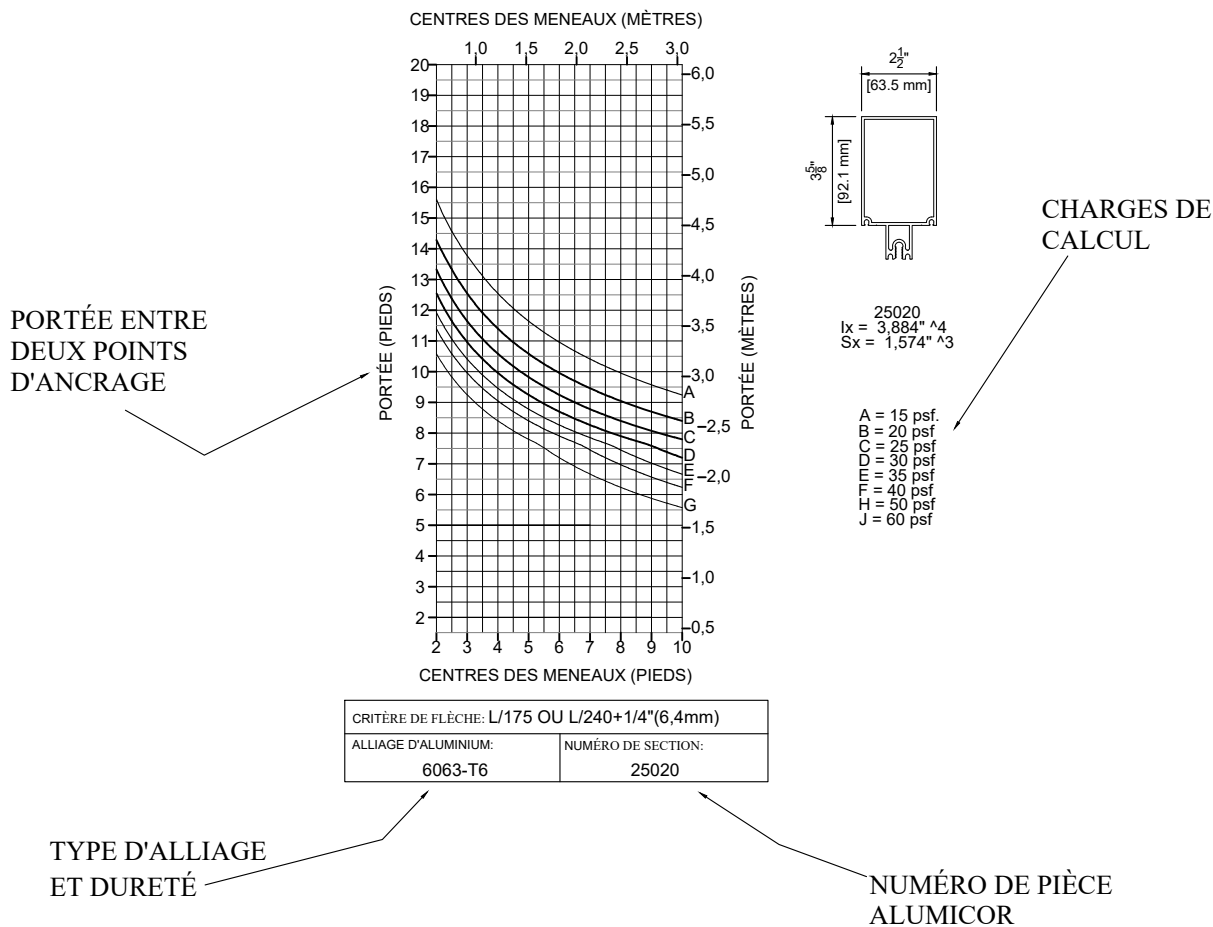
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Graphiques des charges de vent

LES GRAPHIQUES DES CHARGES DE VENT SUIVANTS DOIVENT ETRE UTILISÉS POUR LA CONCEPTION DE SURFACE VITRÉ COMPORTANT **L'UTILISATION DE TRAVERSES HORIZONTALES**(SYSTÈMES À COUVERCLES OU VSS). L'UTILISATEUR DOIT PORTER UNE ATTENTION PARTICULIÈRE AUX ÉLÉMENTS SUIVANTS:

- Les courbes représentent les paramètres limites basés sur la flèche admissible spécifiée, sur la force admissible pour l'alliage d'aluminium tel que spécifié et sur une charge linéaire uniformément distribuée, appliquée à une portée à support simple. Chaque renfort en acier sera fixé à l'aide de vis #12 minimum avec un maximum de 12"(304,8mm) centre à centre.
- Les graphiques doivent servir de guide pour l'établissement du budget et de la conception.
- Pour les calculs d'ingénieur, les propriétés de structure des meneaux sont marquées « Ix » et « Sx » .
- Le critère de flèche admissible pour ces graphiques est L/175 ou L/240 +1/4(6,4mm).

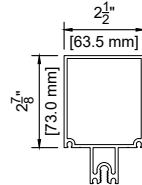
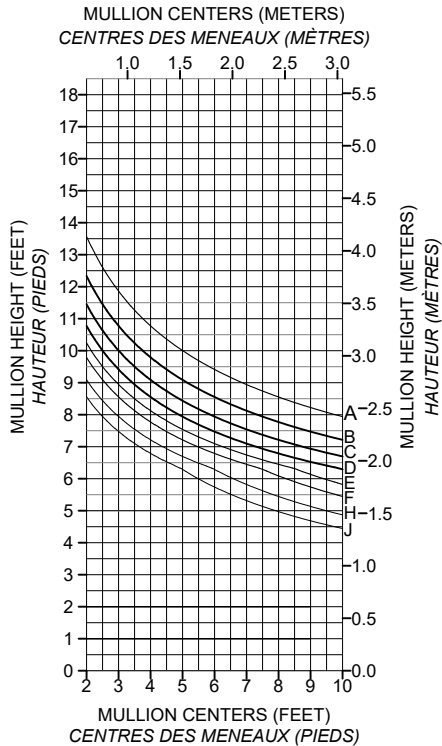
EXEMPLE :



For English version please see page: 1.4.102

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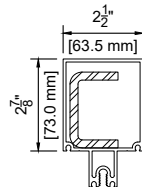
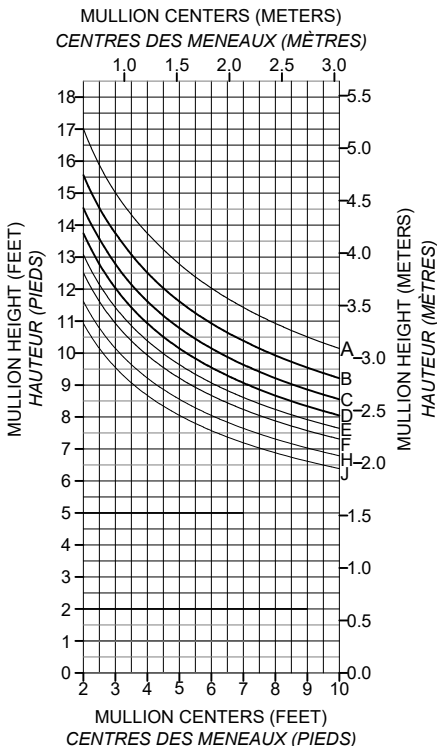
Windload chart Graphiques des charges de vent



25010
I_x = 2.464 in⁴
S_x = 1.202 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25010



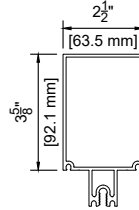
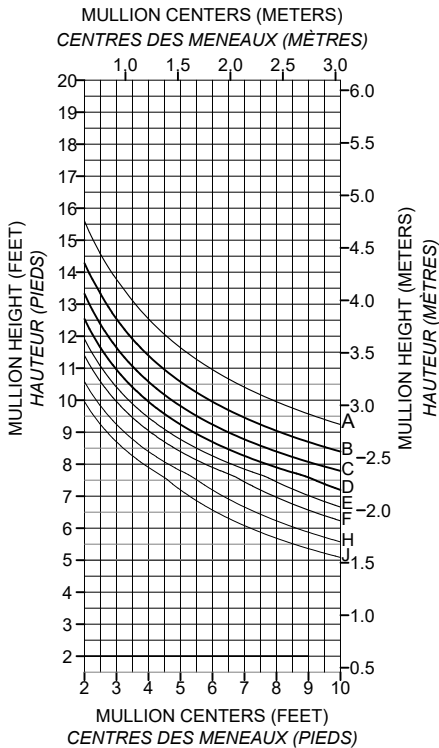
25010
I_x = 2.464 in⁴
S_x = 1.202 in³
C2 3/8x1 1/2x1/4
I_x = 0.920 in⁴
S_x = 0.774 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25010

VersaWall 2500

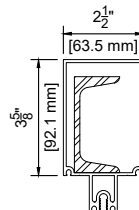
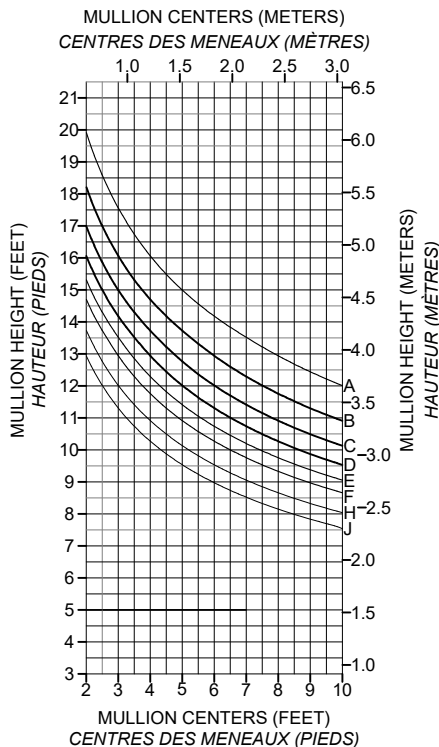
Windload chart Graphiques des charges de vent



25020
I_x = 3.884 in⁴
S_x = 1.574 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25020



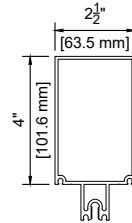
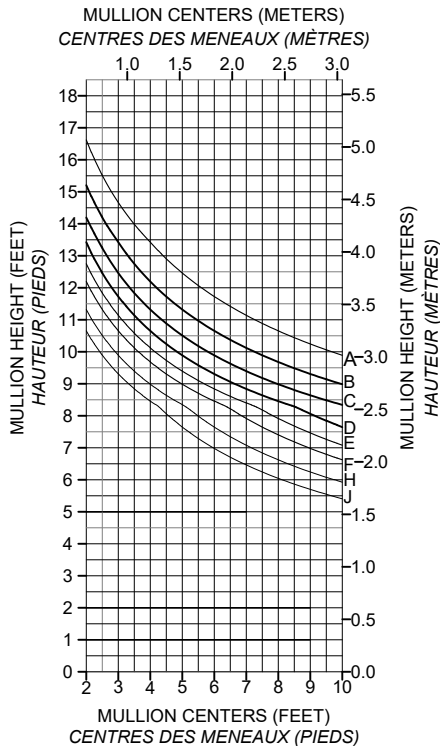
25020
I_x = 3.884 in⁴
S_x = 1.574 in³
C3x4.1 lb/ft
I_x = 1.600 in⁴
S_x = 1.100 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25020

VersaWall 2500

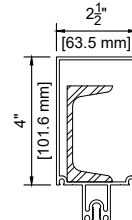
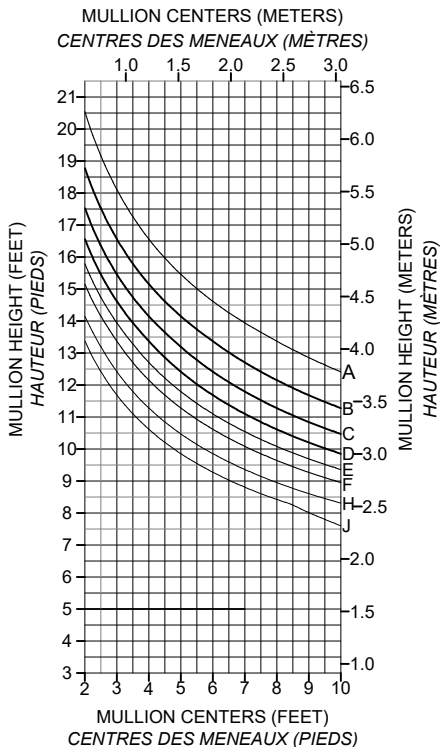
Windload chart Graphiques des charges de vent



25440
I_x = 4.764 in⁴
S_x = 1.779 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25440



25440
I_x = 4.764 in⁴
S_x = 1.779 in³
C_{3x4.1} lb/ft
I_x = 1.600 in⁴
S_x = 1.100 in³

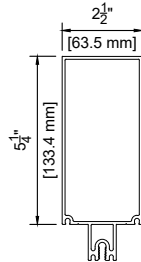
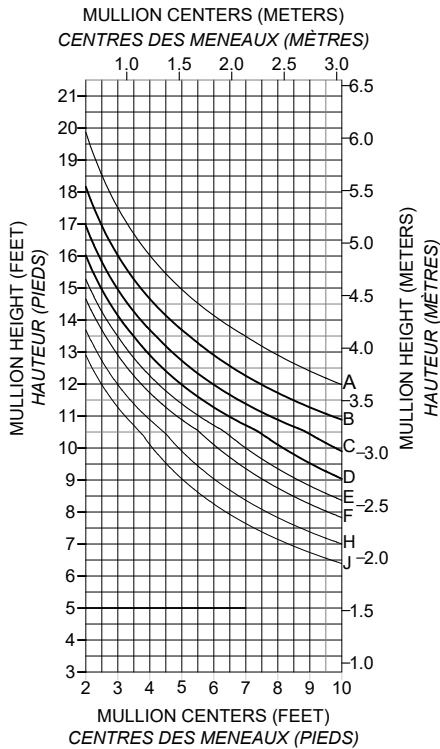
A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25440

VersaWall 2500

Windload chart

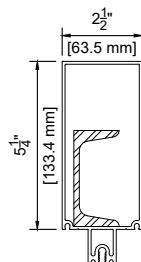
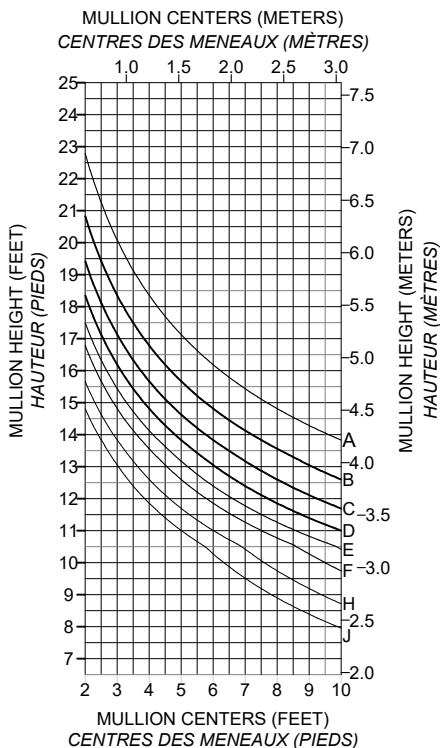
Graphiques des charges de vent



25030
I_x = 8.462 in⁴
S_x = 2.484 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25030



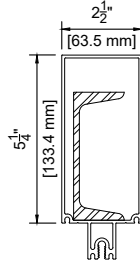
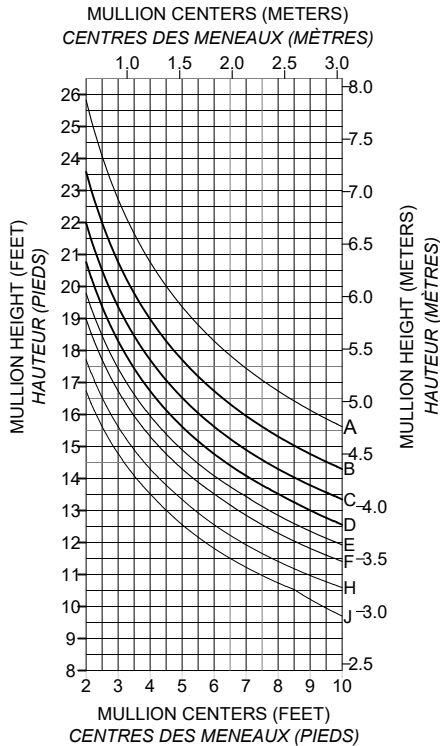
25030
I_x = 8.462 in⁴
S_x = 2.484 in³
C₃ x 4.1 lb/ft
I_x = 1.600 in⁴
S_x = 1.100 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25030

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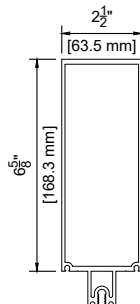
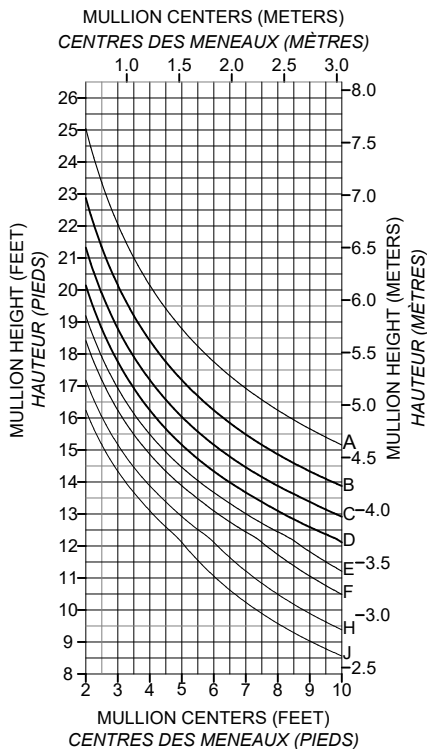
Windload chart Graphiques des charges de vent



25030
 $I_x = 8.462 \text{ in}^4$
 $S_x = 2.484 \text{ in}^3$
 $C4 \times 5.4 \text{ lb/ft}$
 $I_x = 3.800 \text{ in}^4$
 $S_x = 1.900 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}" (6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25030



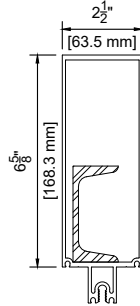
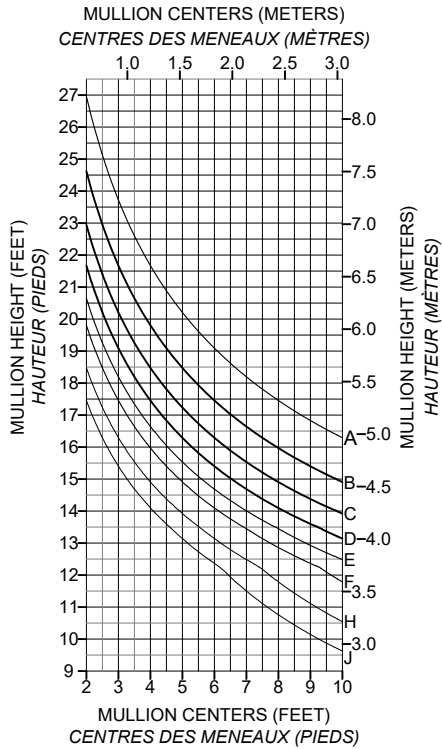
25040
 $I_x = 17.678 \text{ in}^4$
 $S_x = 4.459 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}" (6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25040

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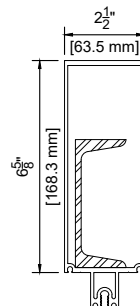
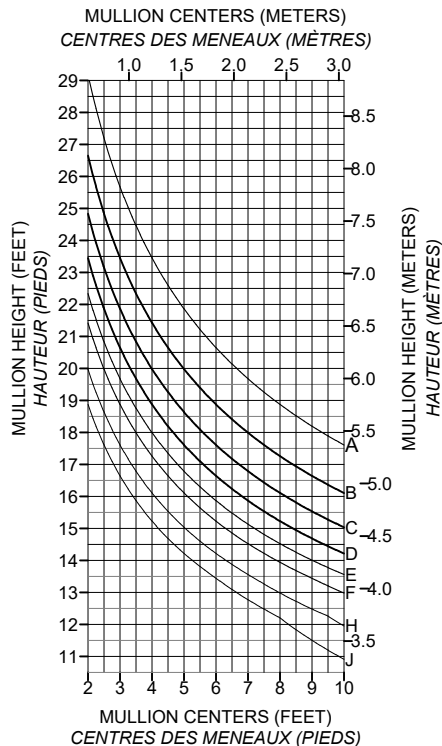
Windload chart Graphiques des charges de vent



25040
 $I_x = 17.678 \text{ in}^4$
 $S_x = 4.459 \text{ in}^3$
 $C3 \times 4.1 \text{ lb/ft}$
 $I_x = 1.600 \text{ in}^4$
 $S_x = 1.100 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}"(6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25040



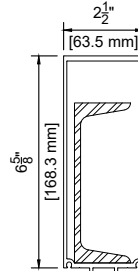
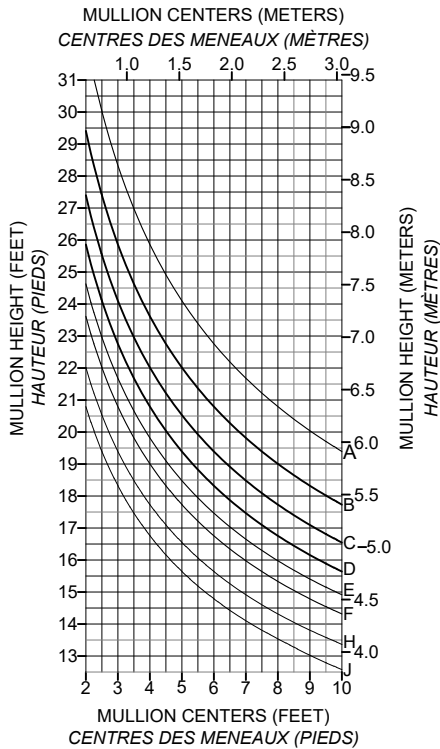
25040
 $I_x = 17.678 \text{ in}^4$
 $S_x = 4.459 \text{ in}^3$
 $C4 \times 5.4 \text{ lb/ft}$
 $I_x = 3.800 \text{ in}^4$
 $S_x = 1.900 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}"(6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25040

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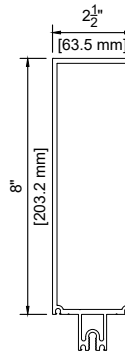
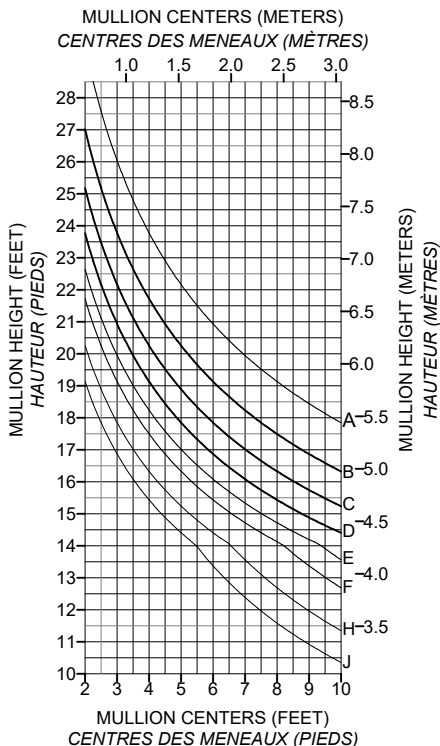
Windload chart Graphiques des charges de vent



25040
 $I_x = 17.678 \text{ in}^4$
 $S_x = 4.459 \text{ in}^3$
 $C5x6.7 \text{ lb/ft}$
 $I_x = 7.400 \text{ in}^4$
 $S_x = 3.000 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}" (6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25040



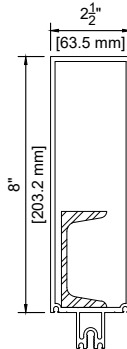
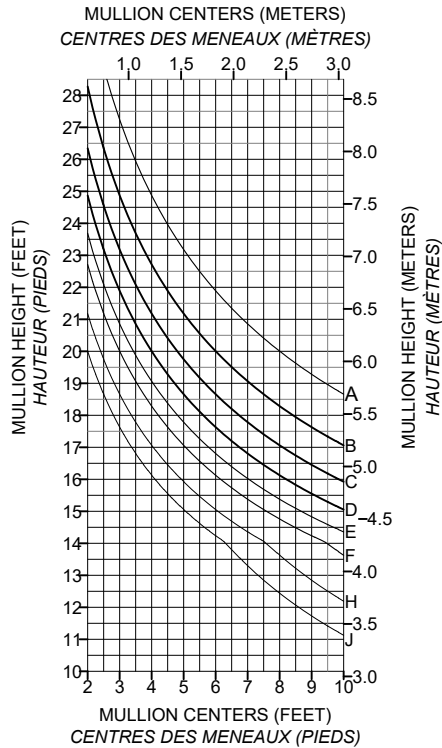
25080
 $I_x = 29.949 \text{ in}^4$
 $S_x = 6.520 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

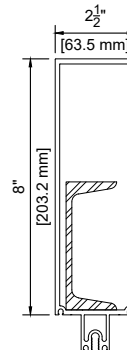
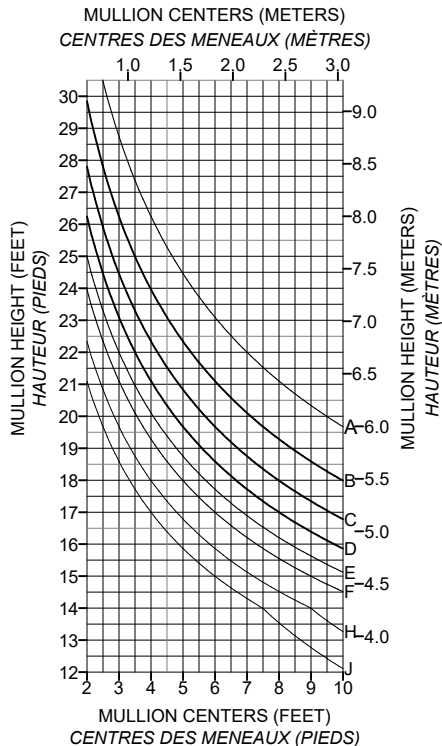
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ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25080

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Windload chart Graphiques des charges de vent



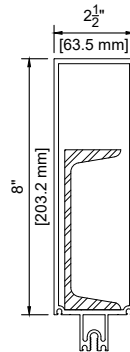
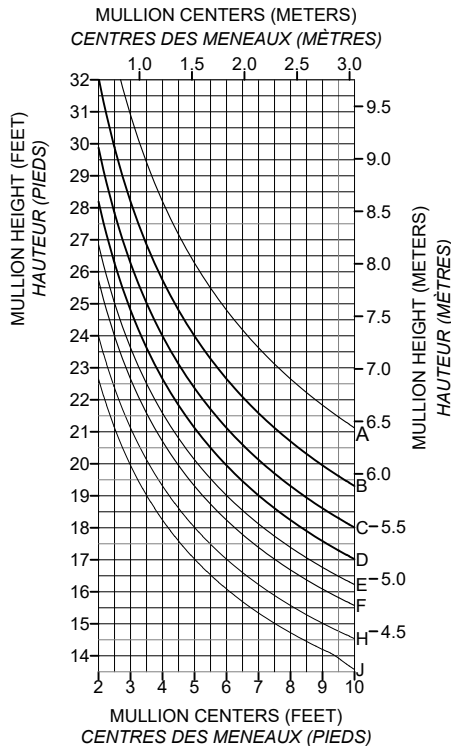
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ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25080



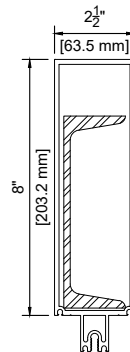
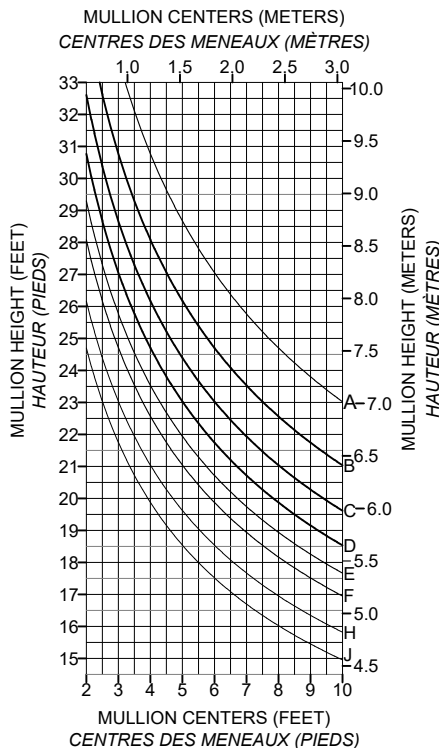
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ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25080

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Windload chart Graphiques des charges de vent



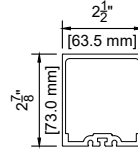
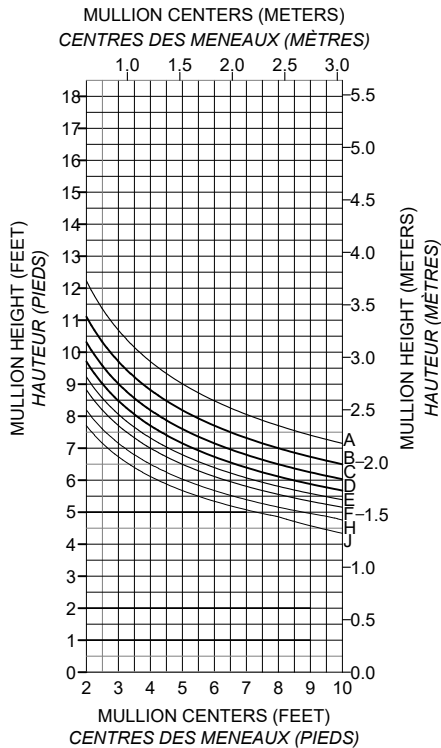
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ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25080



DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}" (6.4\text{mm})$	
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D'ALUMINIUM: 6063-T6	SECTION: 25080

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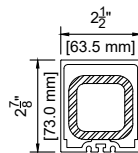
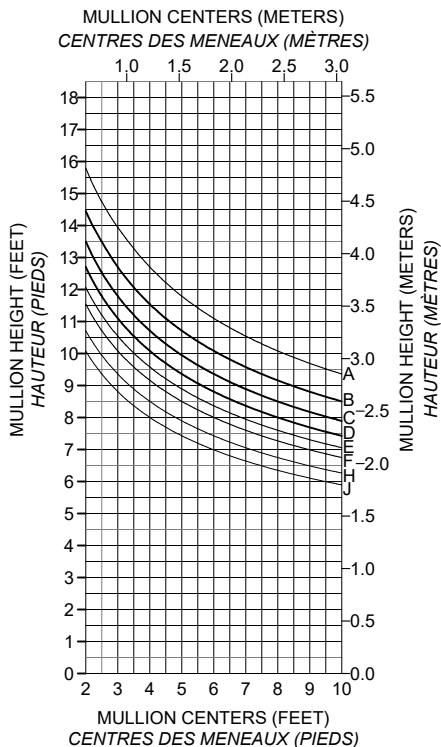
Windload chart Graphiques des charges de vent



25300
 $I_x = 1.802 \text{ in}^4$
 $S_x = 1.147 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}"(6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25300



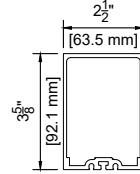
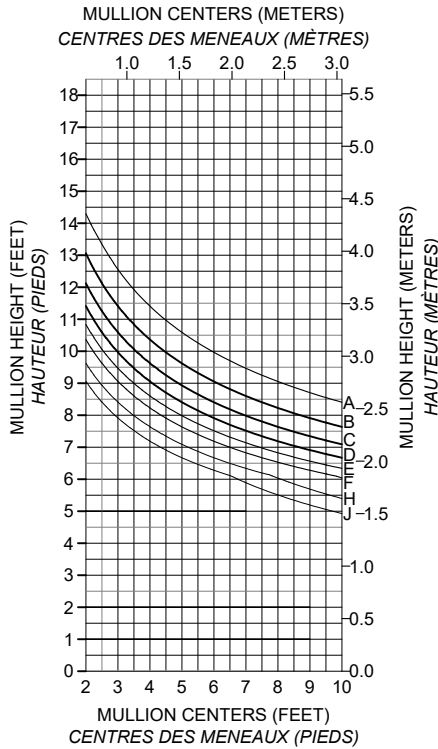
25300
 $I_x = 1.802 \text{ in}^4$
 $S_x = 1.147 \text{ in}^3$
 HSS 2x2x1/4
 $I_x = 0.770 \text{ in}^4$
 $S_x = 0.770 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}"(6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25300

VersaWall 2500

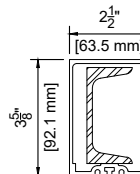
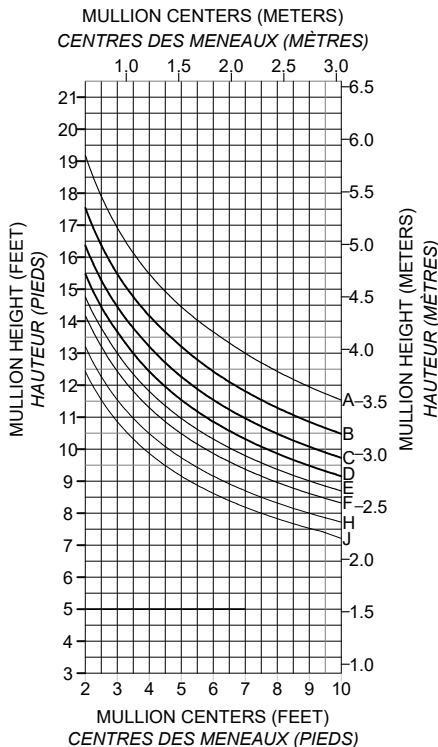
Windload chart Graphiques des charges de vent



25310
I_x = 2.921 in⁴
S_x = 1.475 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25310



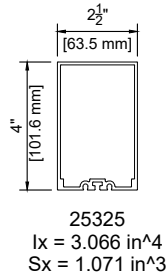
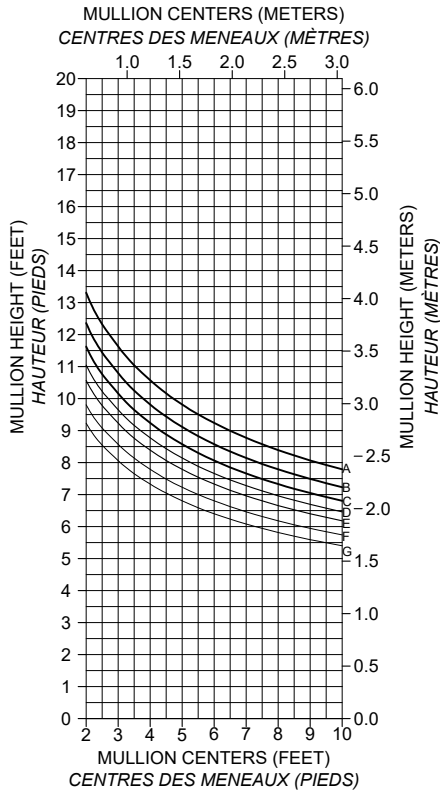
25310
I_x = 2.921 in⁴
S_x = 1.475 in³
C3x4.1 lb/ft
I_x = 1.600 in⁴
S_x = 1.100 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25310

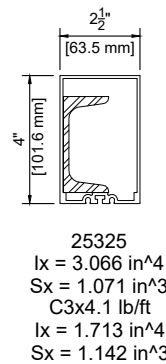
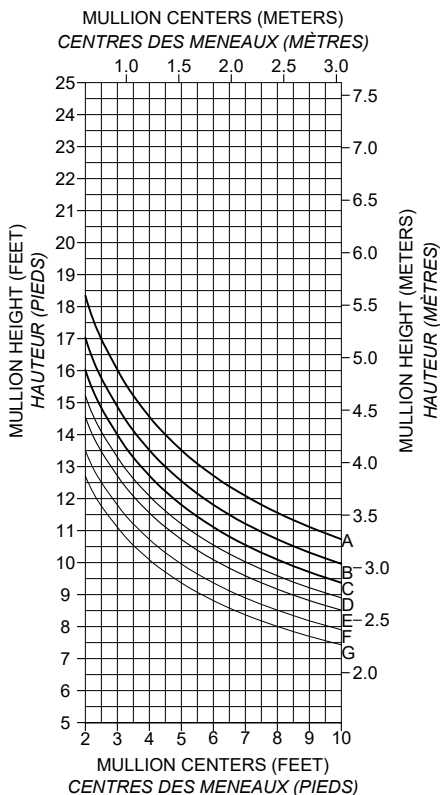
VersaWall 2500

Windload chart Graphiques des charges de vent



A = 20 psf
 B = 25 psf
 C = 30 psf
 D = 35 psf
 E = 40 psf
 F = 50 psf
 G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}" (6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25325

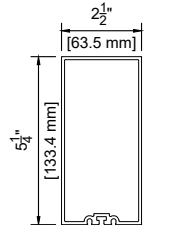
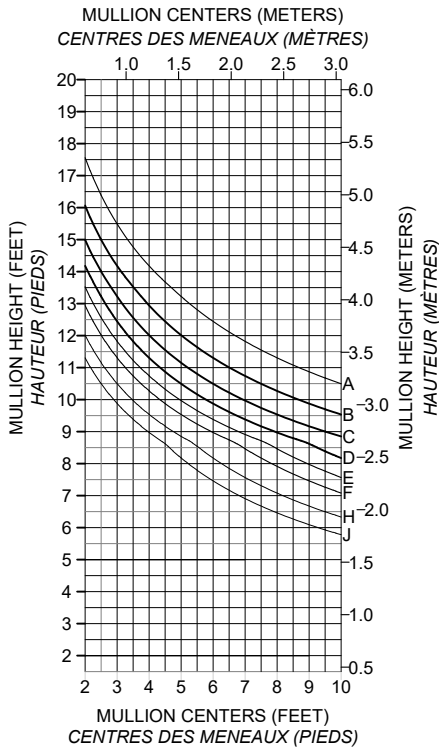


A = 20 psf
 B = 25 psf
 C = 30 psf
 D = 35 psf
 E = 40 psf
 F = 50 psf
 G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}" (6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25325

VersaWall 2500

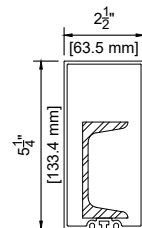
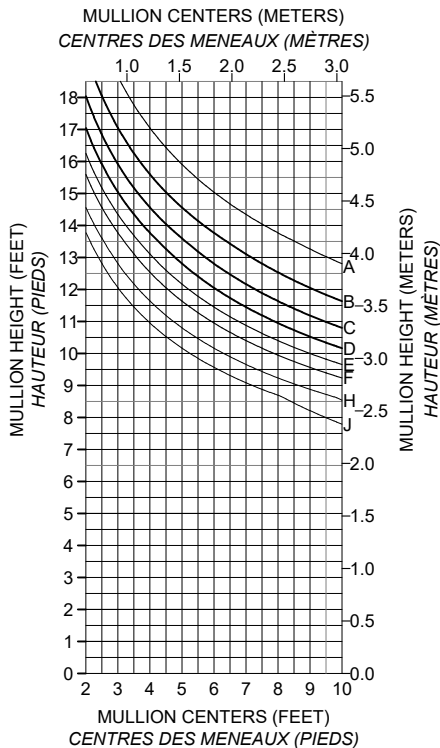
Windload chart Graphiques des charges de vent



25330
I_x = 5.692 in⁴
S_x = 2.032 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25330



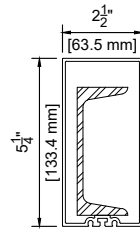
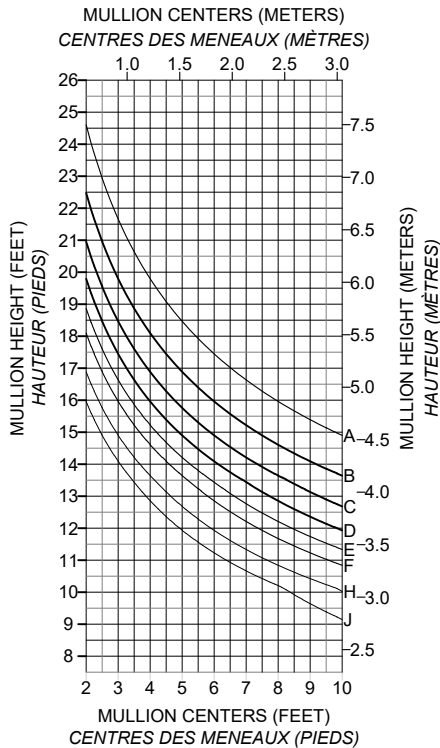
25330
I_x = 5.692 in⁴
S_x = 2.032 in³
C3x4.1 lb/ft
I_x = 1.600 in⁴
S_x = 1.100 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25330

VersaWall 2500

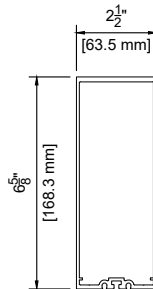
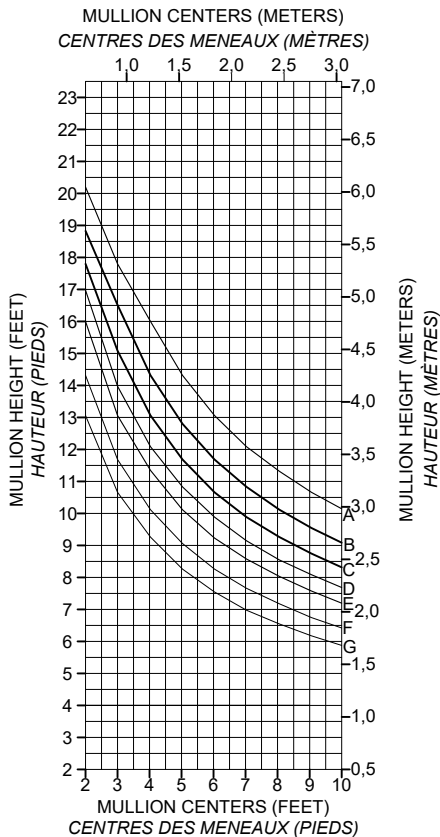
Windload chart Graphiques des charges de vent



25330
 $I_x = 5.692 \text{ in}^4$
 $S_x = 2.032 \text{ in}^3$
 $C4 \times 5.4 \text{ lb/ft}$
 $I_x = 3.800 \text{ in}^4$
 $S_x = 1.900 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}" (6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25330



25301
 $I_x = 12.182 \text{ in}^4$
 $S_x = 2.108 \text{ in}^3$

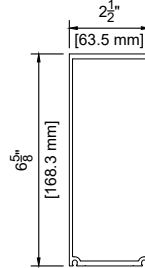
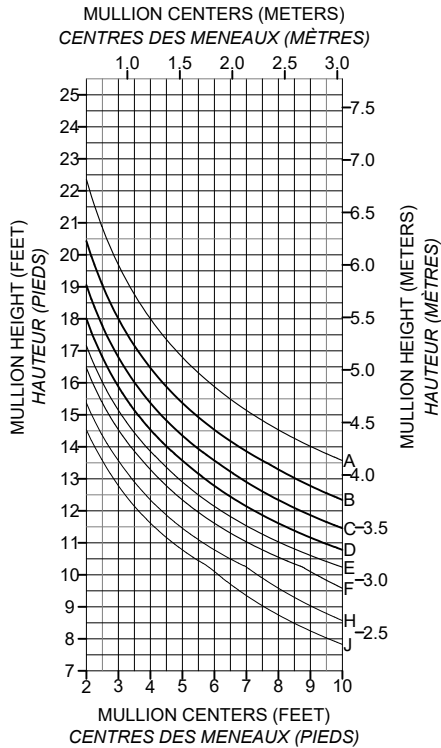
A = 20 psf
 B = 25 psf
 C = 30 psf
 D = 35 psf
 E = 40 psf
 F = 50 psf
 G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}" (6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25301

VersaWall 2500

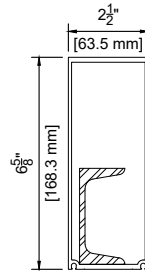
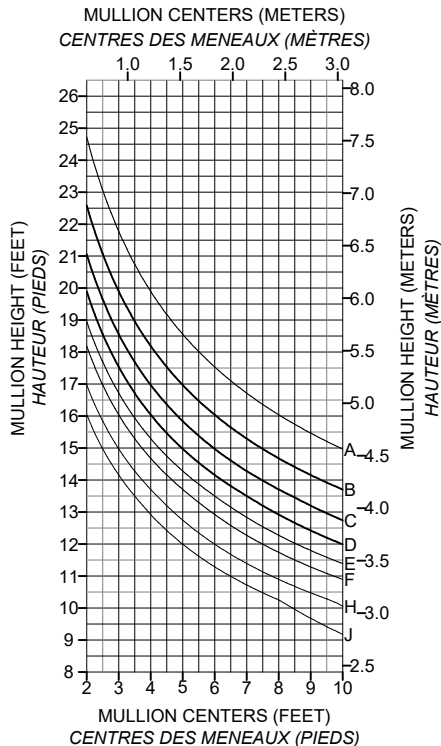
Windload chart

Graphiques des charges de vent



A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25430

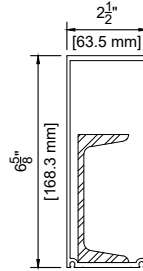
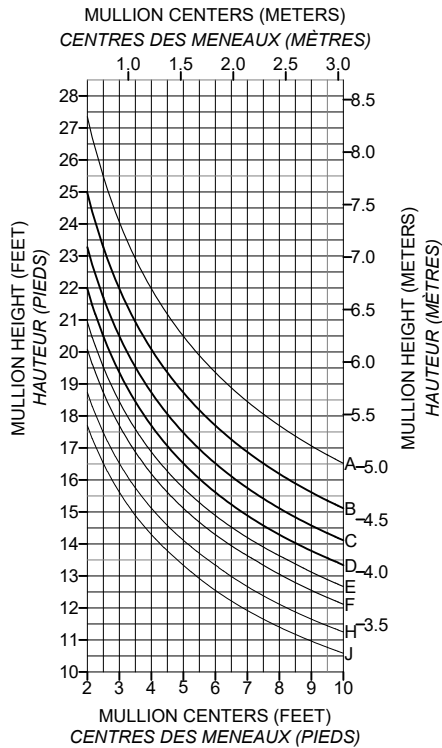


A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25430

VersaWall 2500

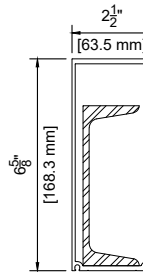
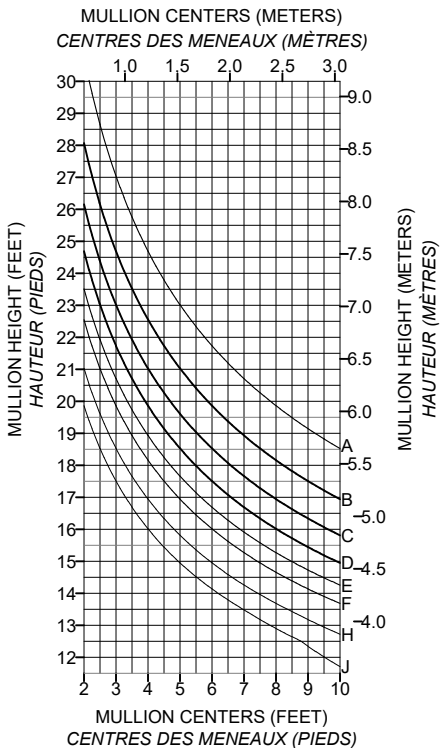
Windload chart Graphiques des charges de vent



25430
 $I_x = 12.333 \text{ in}^4$
 $S_x = 3.723 \text{ in}^3$
 $C4 \times 5.4 \text{ lb/ft}$
 $I_x = 3.800 \text{ in}^4$
 $S_x = 1.900 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}" (6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25430



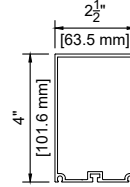
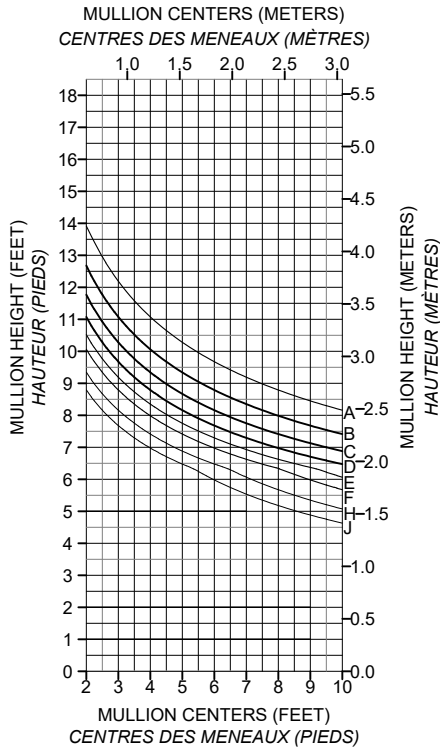
25430
 $I_x = 12.333 \text{ in}^4$
 $S_x = 3.723 \text{ in}^3$
 $C5 \times 6.7 \text{ lb/ft}$
 $I_x = 7.400 \text{ in}^4$
 $S_x = 3.000 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}" (6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25430

VersaWall 2500

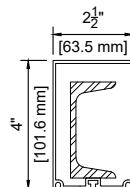
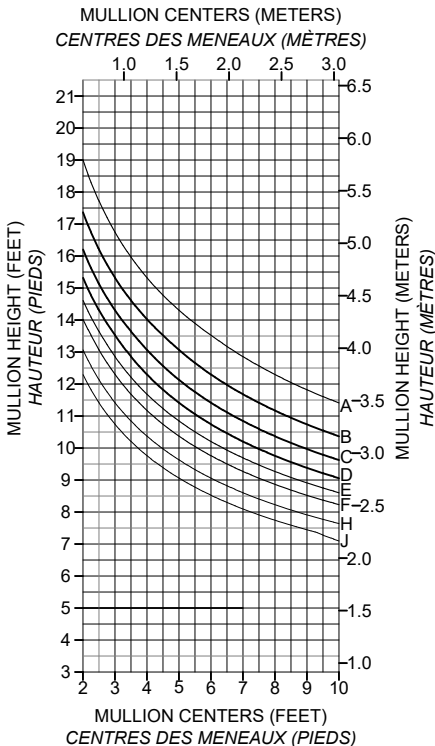
Windload chart Graphiques des charges de vent



25850
I_x = 2.676 in⁴
S_x = 1.306 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25850



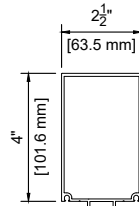
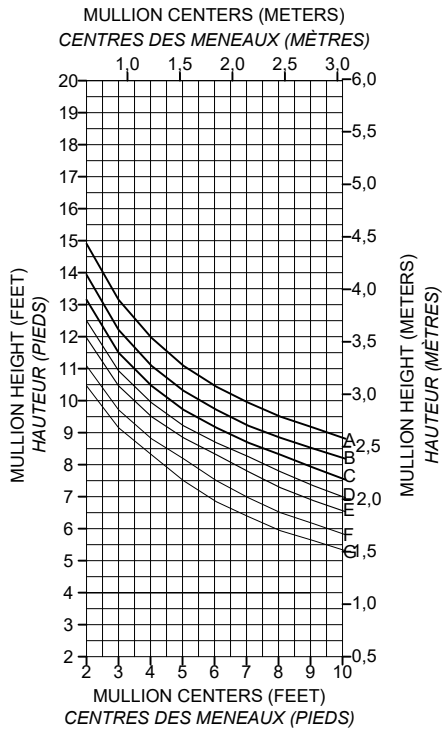
25850
I_x = 2.676 in⁴
S_x = 1.306 in³
C3x4.1 lb/ft
I_x = 1.600 in⁴
S_x = 1.100 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25850

VersaWall 2500

Windload chart Graphiques des charges de vent



25820

$I_x = 4.647 \text{ in}^4$
 $S_x = 1.751 \text{ in}^3$

A = 20 psf
B = 25 psf
C = 30 psf
D = 35 psf
E = 40 psf
F = 50 psf
G = 60 psf

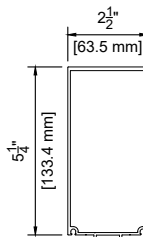
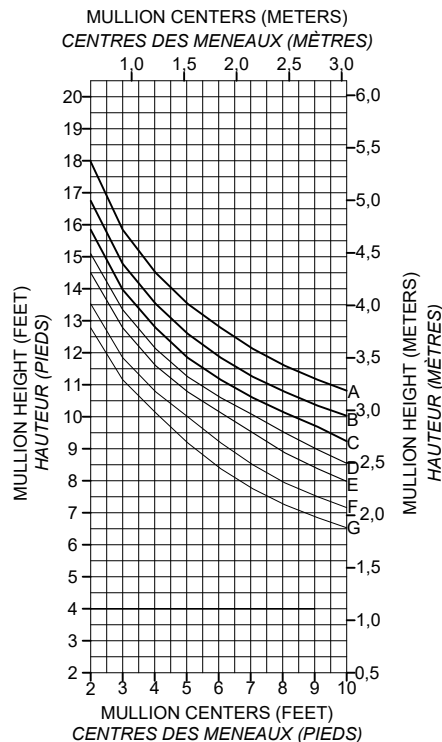
DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}"(6.4\text{mm})$

ALUMINUM ALLOY / ALLIAGE

SECTION NUMBER / NUMÉRO DE

D'ALUMINIUM: 6063-T6

SECTION: 25820



25830

$I_x = 8.45415 \text{ in}^4$
 $S_x = 2.6124 \text{ in}^3$

A = 20 psf
B = 25 psf
C = 30 psf
D = 35 psf
E = 40 psf
F = 50 psf
G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}"(6.4\text{mm})$

ALUMINUM ALLOY / ALLIAGE

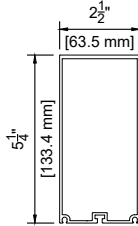
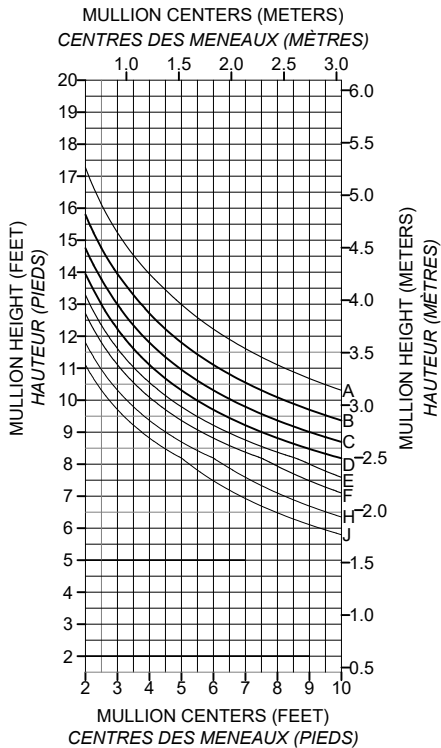
SECTION NUMBER / NUMÉRO DE

D'ALUMINIUM: 6063-T6

SECTION: 25830

VersaWall 2500

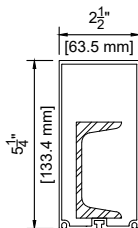
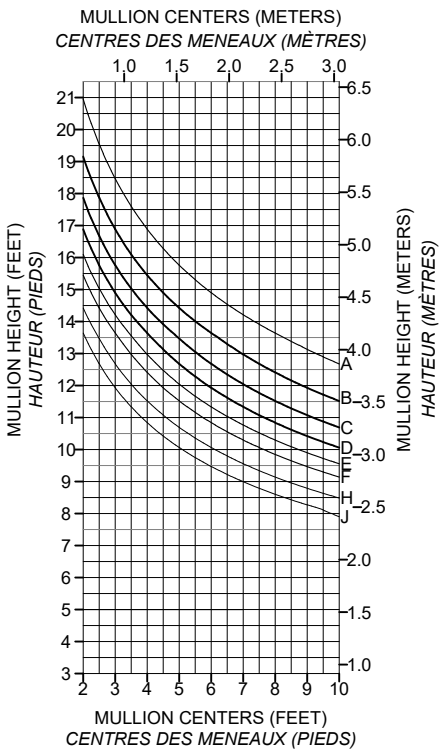
Windload chart Graphiques des charges de vent



25860
I_x = 5.389 in⁴
S_x = 2.041 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25860



25860
I_x = 5.389 in⁴
S_x = 2.041 in³
C₃ x 4.1 lb/ft
I_x = 1.600 in⁴
S_x = 1.100 in³

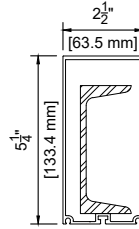
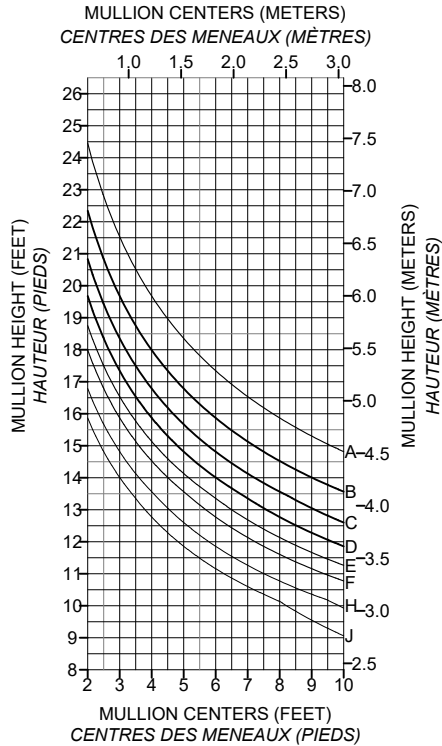
A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25860

VersaWall 2500

Windload chart

Graphiques des charges de vent



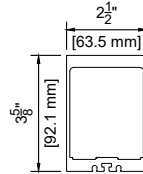
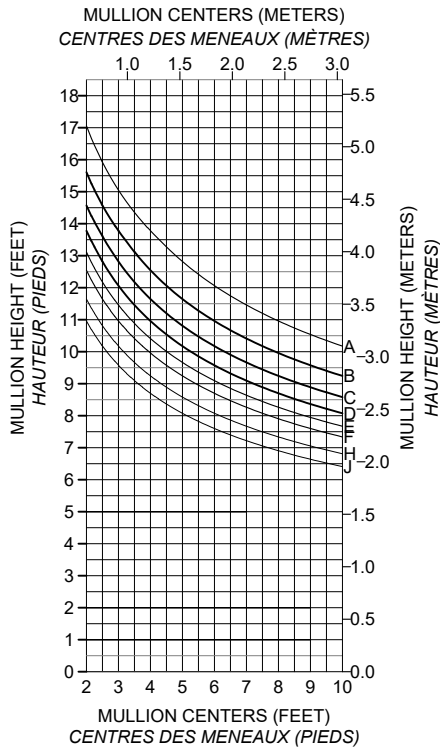
25860
 $I_x = 5.389 \text{ in}^4$
 $S_x = 2.041 \text{ in}^3$
 $C4 \times 5.4 \text{ lb/ft}$
 $I_x = 3.800 \text{ in}^4$
 $S_x = 1.900 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}" (6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25860

VersaWall 2500

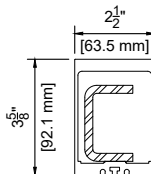
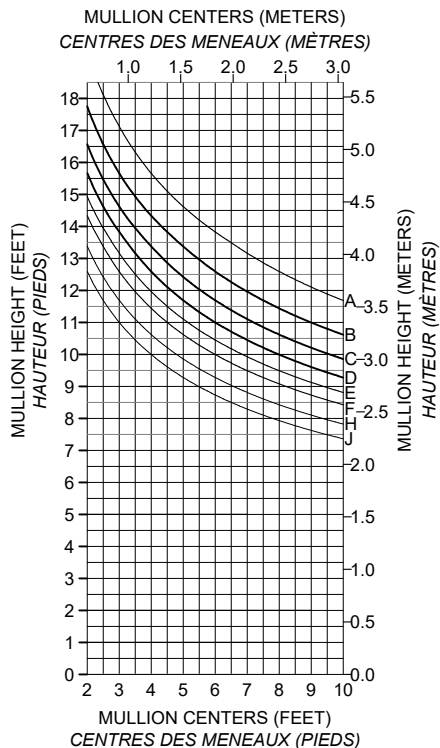
Windload chart Graphiques des charges de vent



25320
I_x = 5.183 in⁴
S_x = 2.789 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25320



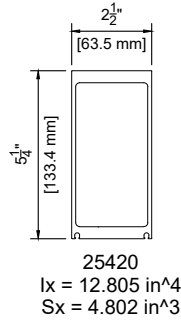
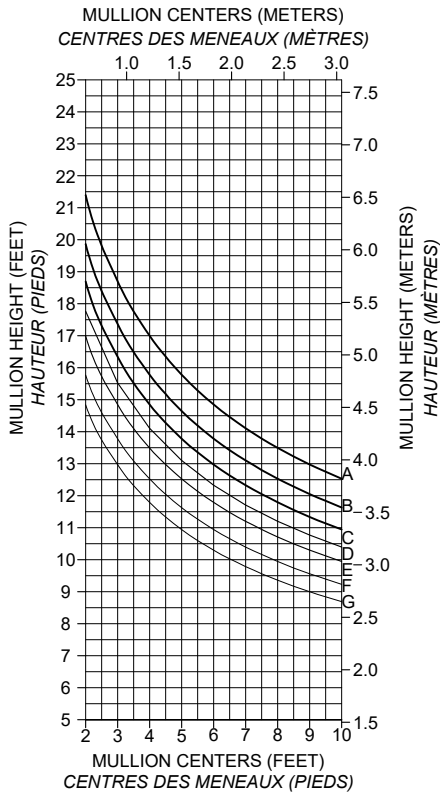
25320
I_x = 5.183 in⁴
S_x = 2.789 in³
C₂ 3/8x1 1/2x1/4
I_x = 0.920 in⁴
S_x = 0.774 in³

A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25320

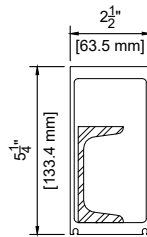
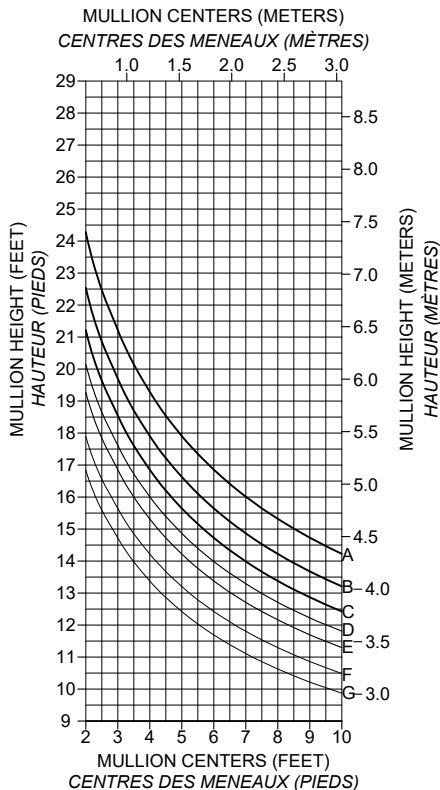
VersaWall 2500

Windload chart Graphiques des charges de vent



- A = 20 psf
- B = 25 psf
- C = 30 psf
- D = 35 psf
- E = 40 psf
- F = 50 psf
- G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25420

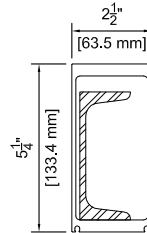
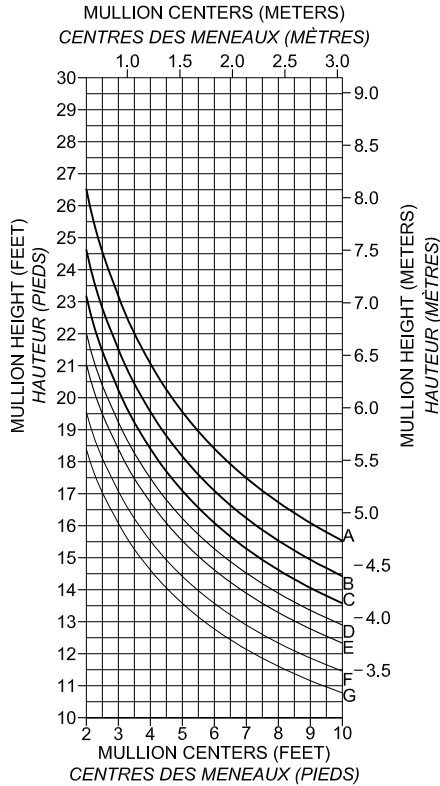


- A = 20 psf
- B = 25 psf
- C = 30 psf
- D = 35 psf
- E = 40 psf
- F = 50 psf
- G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25420

VersaWall 2500

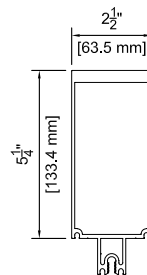
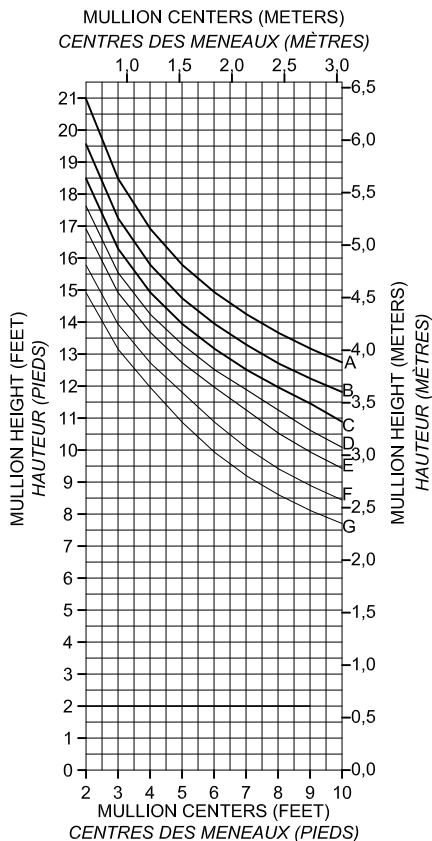
Windload chart Graphiques des charges de vent



25420
 $I_x = 12.805 \text{ in}^4$
 $S_x = 4.802 \text{ in}^3$
 $C4 \times 5.4 \text{ lb/ft}$
 $I_x = 3.800 \text{ in}^4$
 $S_x = 1.900 \text{ in}^3$

A = 20 psf
 B = 25 psf
 C = 30 psf
 D = 35 psf
 E = 40 psf
 F = 50 psf
 G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + 1/4"$ (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25420



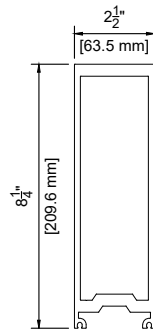
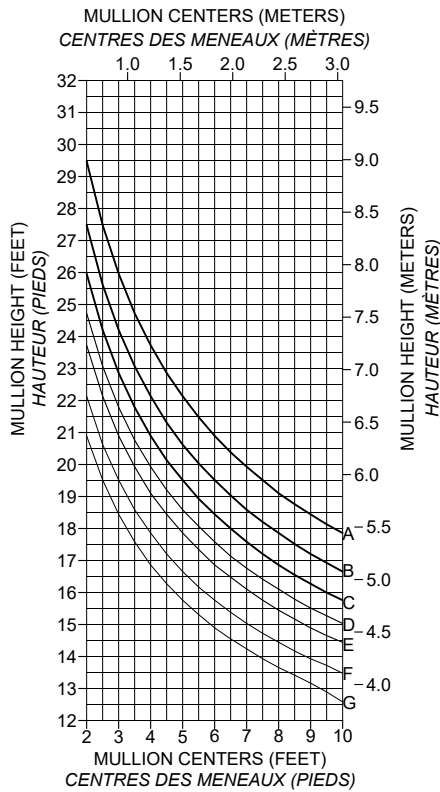
25031
 $I_x = 13.06 \text{ in}^4$
 $S_x = 3.605 \text{ in}^3$

A = 20 psf
 B = 25 psf
 C = 30 psf
 D = 35 psf
 E = 40 psf
 F = 50 psf
 G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + 1/4"$ (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25031

VersaWall 2500

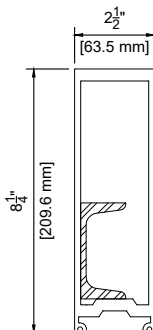
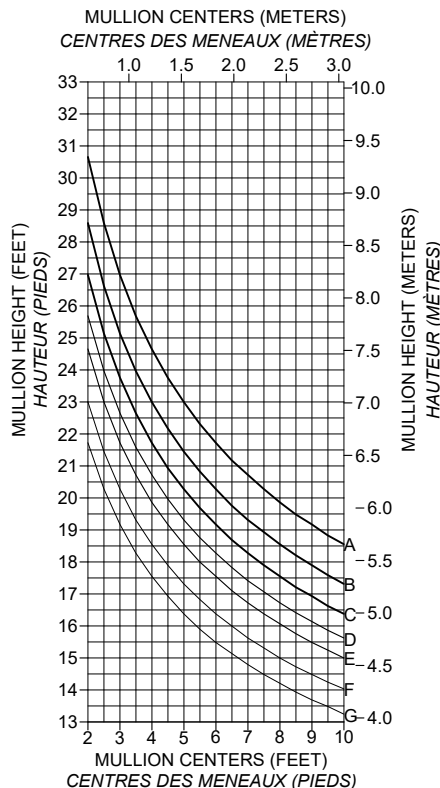
Windload chart Graphiques des charges de vent



25900
I_x = 40.053 in⁴
S_x = 9.647 in³

A = 20 psf
B = 25 psf
C = 30 psf
D = 35 psf
E = 40 psf
F = 50 psf
G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25900



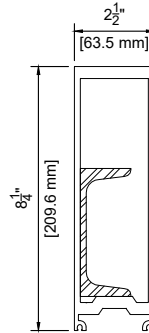
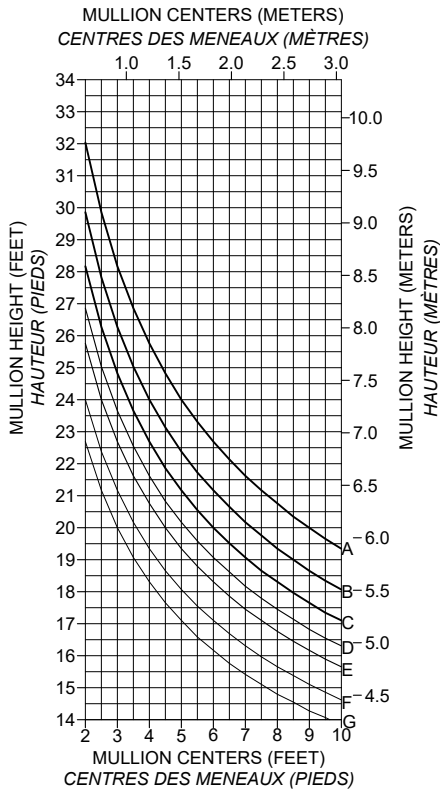
25900
I_x = 40.053 in⁴
S_x = 9.647 in³
C3x4.1 lb/ft
I_x = 1.713 in⁴
S_x = 1.142 in³

A = 20 psf
B = 25 psf
C = 30 psf
D = 35 psf
E = 40 psf
F = 50 psf
G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4"(6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25900

VersaWall 2500

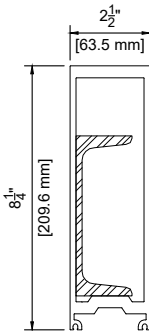
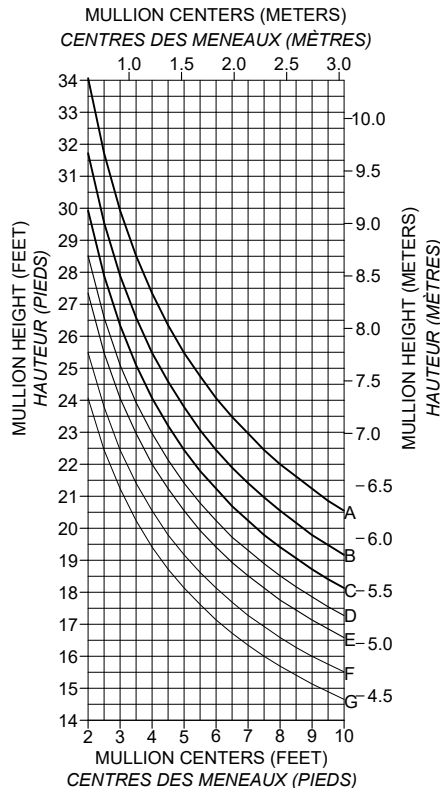
Windload chart Graphiques des charges de vent



25900
 $I_x = 40.053 \text{ in}^4$
 $S_x = 9.647 \text{ in}^3$
 C4x5.4 lb/ft
 $I_x = 3.800 \text{ in}^4$
 $S_x = 1.900 \text{ in}^3$

A = 20 psf
 B = 25 psf
 C = 30 psf
 D = 35 psf
 E = 40 psf
 F = 50 psf
 G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}"(6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25900



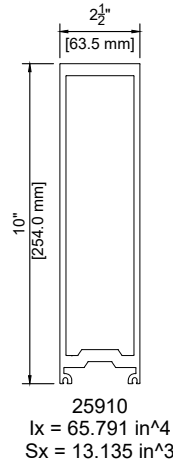
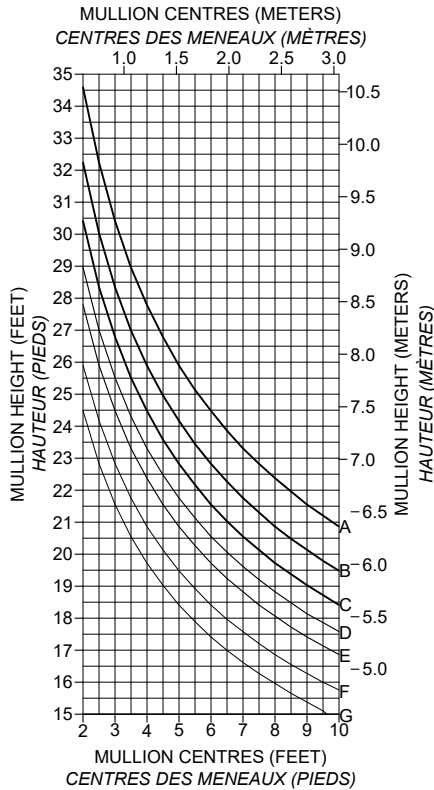
25900
 $I_x = 40.053 \text{ in}^4$
 $S_x = 9.647 \text{ in}^3$
 C5x6.7 lb/ft
 $I_x = 7.713 \text{ in}^4$
 $S_x = 3.085 \text{ in}^3$

A = 20 psf
 B = 25 psf
 C = 30 psf
 D = 35 psf
 E = 40 psf
 F = 50 psf
 G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}"(6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25900

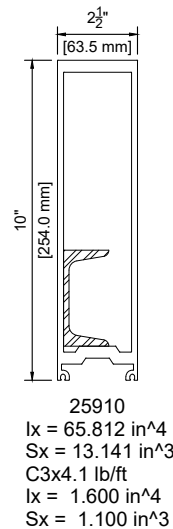
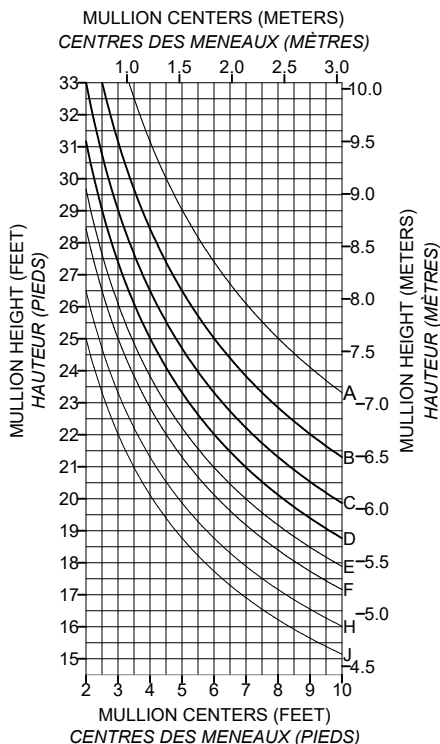
VersaWall 2500

Windload chart Graphiques des charges de vent



A = 20 psf
B = 25 psf
C = 30 psf
D = 35 psf
E = 40 psf
F = 50 psf
G = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25910



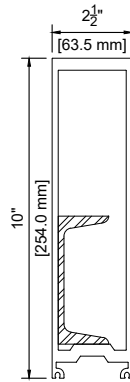
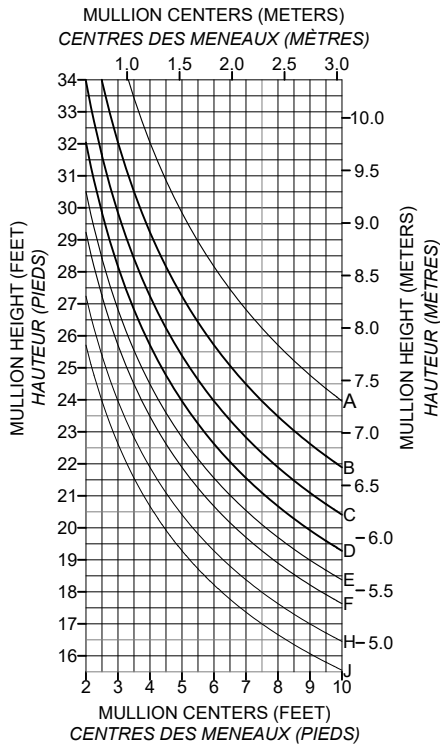
A = 15 psf
B = 20 psf
C = 25 psf
D = 30 psf
E = 35 psf
F = 40 psf
H = 50 psf
J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: L/175 OR L/240 + 1/4" (6.4mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25910

VersaWall 2500

Windload chart

Graphiques des charges de vent



25910

$I_x = 65.812 \text{ in}^4$

$S_x = 13.141 \text{ in}^3$

C4x5.4 lb/ft

$I_x = 3.800 \text{ in}^4$

$S_x = 1.900 \text{ in}^3$

A = 15 psf

B = 20 psf

C = 25 psf

D = 30 psf

E = 35 psf

F = 40 psf

H = 50 psf

J = 60 psf

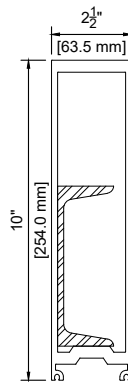
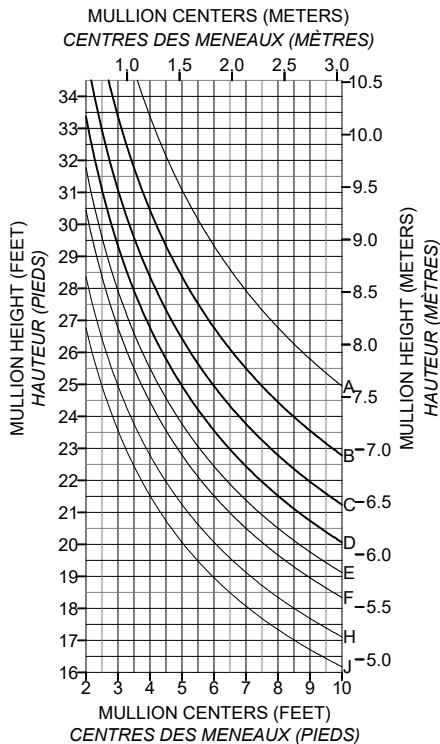
DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + 1/4"$ (6.4mm)

ALUMINUM ALLOY / ALLIAGE

D'ALUMINIUM: 6063-T6

SECTION NUMBER / NUMÉRO DE

SECTION: 25910



25910

$I_x = 65.812 \text{ in}^4$

$S_x = 13.141 \text{ in}^3$

C5x6.7 lb/ft

$I_x = 7.400 \text{ in}^4$

$S_x = 3.000 \text{ in}^3$

A = 15 psf

B = 20 psf

C = 25 psf

D = 30 psf

E = 35 psf

F = 40 psf

H = 50 psf

J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + 1/4"$ (6.4mm)

ALUMINUM ALLOY / ALLIAGE

D'ALUMINIUM: 6063-T6

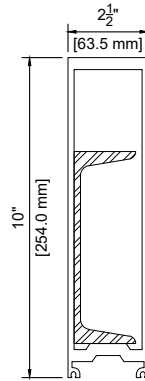
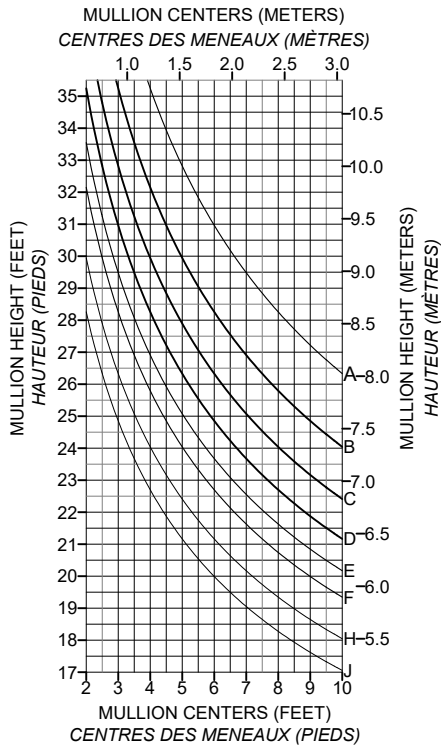
SECTION NUMBER / NUMÉRO DE

SECTION: 25910

VersaWall 2500

Windload chart

Graphiques des charges de vent



25910
 $I_x = 65.812 \text{ in}^4$
 $S_x = 13.141 \text{ in}^3$
 $C6 \times 8.2 \text{ lb/ft}$
 $I_x = 13.000 \text{ in}^4$
 $S_x = 4.300 \text{ in}^3$

A = 15 psf
 B = 20 psf
 C = 25 psf
 D = 30 psf
 E = 35 psf
 F = 40 psf
 H = 50 psf
 J = 60 psf

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $L/175$ OR $L/240 + \frac{1}{4}"(6.4\text{mm})$	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25910

VersaWall 2500

Deadload Charts

Graphiques des charges de permanente

Deadload charts are used for window fenestration designs that incorporate horizontals which are located above a fixed lite

Les graphiques de charge permanente peuvent être utilisés pour la conception de murs-rideaux comportant des traverses horizontales situées au-dessus des sections vitrées fixes



Capped

Couvercles à enclenchement



SSG

Silicone structurale

Deadload Chart 1.4.131 - 1.4.148
Graphique de charge permanente

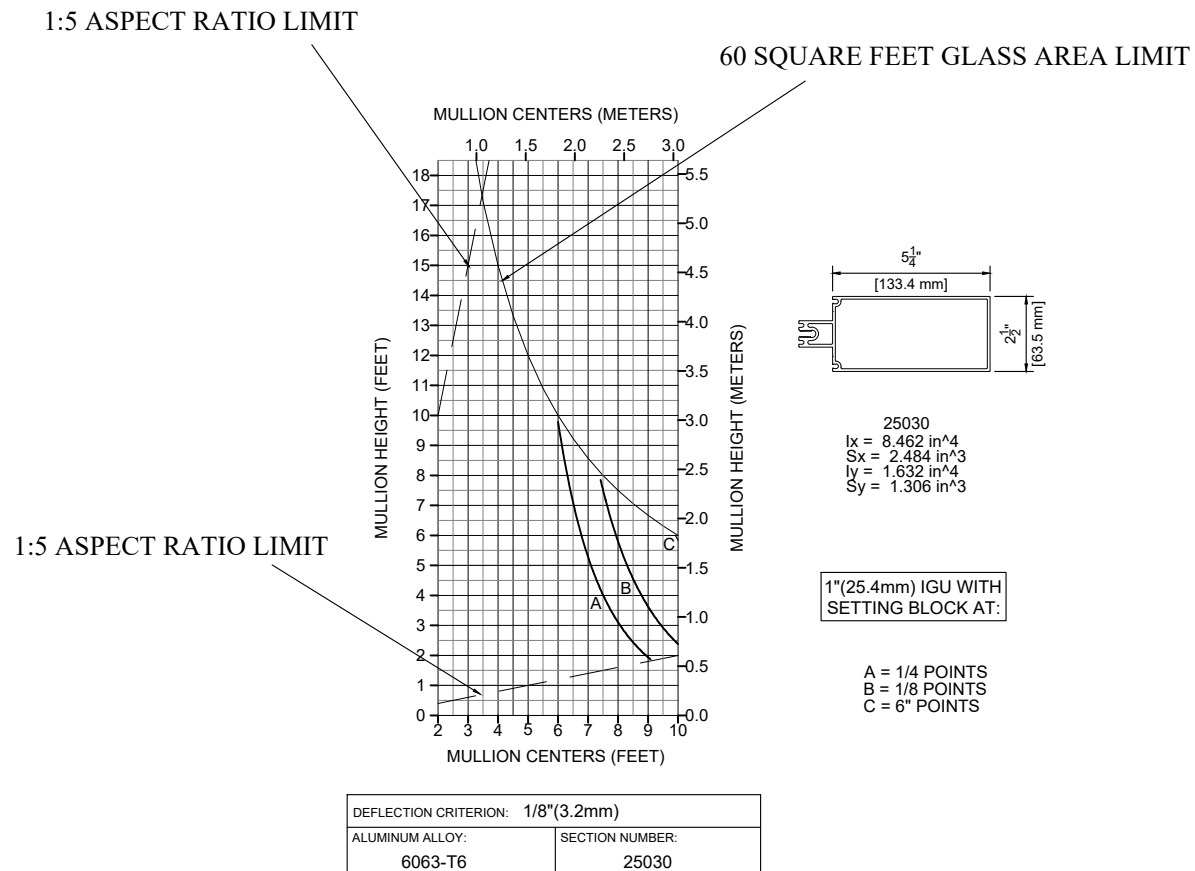
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Deadload chart

THE FOLLOWING DEAD LOAD CHARTS ARE TO BE USED FOR WINDOW FENESTRATION DESIGNS THAT **INCORPORATE HORIZONTALS WHICH ARE LOCATED ABOVE A FIXED LITE**. USER MUST PAY STRICT ATTENTION TO THE FOLOWING:

- Curves represent limiting parameters based on the specified permissible deflection, allowable strength for the aluminum alloy as specified, two point dead load and a trapeoidal wind load applied to a simply supported span.
- Maximum wind load will be as per the sections wind load chart or a maximum that may be shown as indicated at the setting block points on individual charts (see example)
- The charts should be used as a budget or design guide. For actual engineering purposes the structural properties of the mullions are shown as "ix, sx, ly, sy"
- The deflection criterion for these charts is .125" (3.2 mm)
- It is strongly recommended that design parameters fall within the 1:5 aspect ratio and 60 sq/ft glass limit as noted on the charts.
- Glazing is presumed to be a 1" (25.4 mm) insulating glass unit comprised of two 1/4" (6.4 mm) lites of glass.

EXAMPLE:



Pour la version en français, veuillez voir la page: 1.4.131

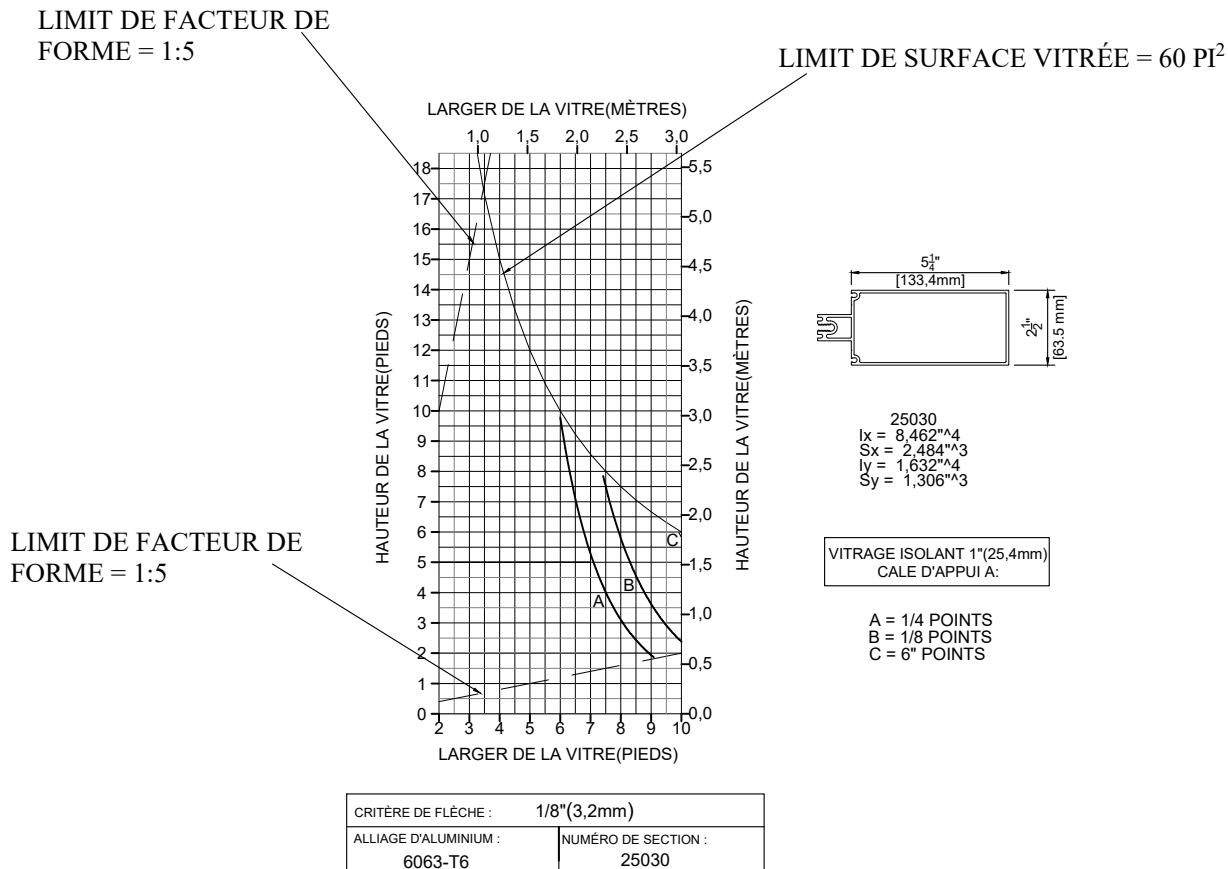
VersaWall 2500

Graphiques de charge permanente

LES GRAPHIQUES DE CHARGE PERMANENTE SUIVANTS DOIVENT ÊTRE UTILISÉS POUR LA CONCEPTION DE L'ENSEMBLE DES SURFACES VITRÉES **COMPORTANT DES TRAVERSES HORIZONTALES SITUÉES AU-DESSUS D'UNE PAROI VITRÉE FIXE**. L'UTILISATEUR DOIT PORTER UNE ATTENTION PARTICULIÈRE AUX DIRECTIVES SUIVANTES :

- Les courbes représentent les paramètres limites fondés sur la flèche admissible définie, la contrainte admissible de l'alliage d'aluminium définie, une charge permanente sur deux points et une charge de vent trapézoïdale appliquée à une portée simple.
- La charge de vent maximale doit être conforme aux indications du graphique des charges de vent pour les sections ou au maximum indiqué aux points des cales d'appuis spécifiés dans les graphiques individuels (voir l'exemple).
- Les graphiques doivent être utilisés comme guide pour l'établissement du budget ou pour la conception architecturale. Aux fins d'ingénierie réelle, les propriétés structurelles des meneaux sont indiquées par les valeurs ix, sx, ly et sy.
- Le critère de flèche pour ces graphiques est de 0,125" (3,2 mm).
- On recommande fortement que les paramètres de conception respectent le facteur de forme de 1:5 et la limite de surface vitrée de 60 pi² indiqués dans les graphiques.
- On tient pour acquis que le vitrage est constitué de panneaux de vitrage isolant d'une épaisseur de 1" (25,4 mm) composé de deux parois de verre d'une épaisseur de 1/4" (6,4 mm) chacune.

EXEMPLE:

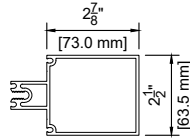
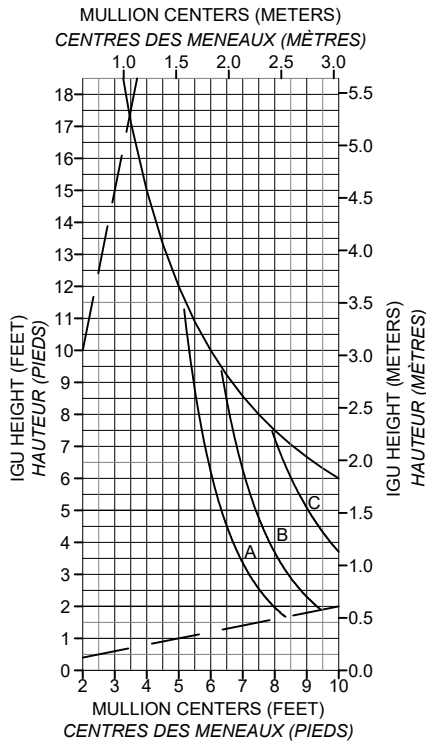


For English version please see page: 1.4.130

VersaWall 2500

Deadload chart

Graphiques de charge permanente

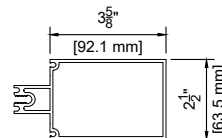
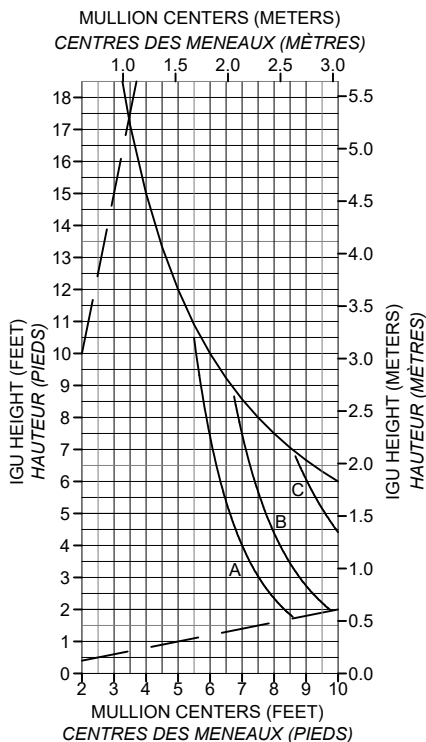


25010
 $I_x = 2.464 \text{ in}^4$
 $S_x = 1.202 \text{ in}^3$
 $I_y = 1.035 \text{ in}^4$
 $S_y = 0.828 \text{ in}^3$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}"$ (3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25010



25020
 $I_x = 3.884 \text{ in}^4$
 $S_x = 1.574 \text{ in}^3$
 $I_y = 1.236 \text{ in}^4$
 $S_y = 0.988 \text{ in}^3$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

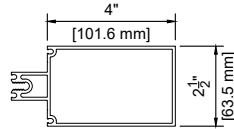
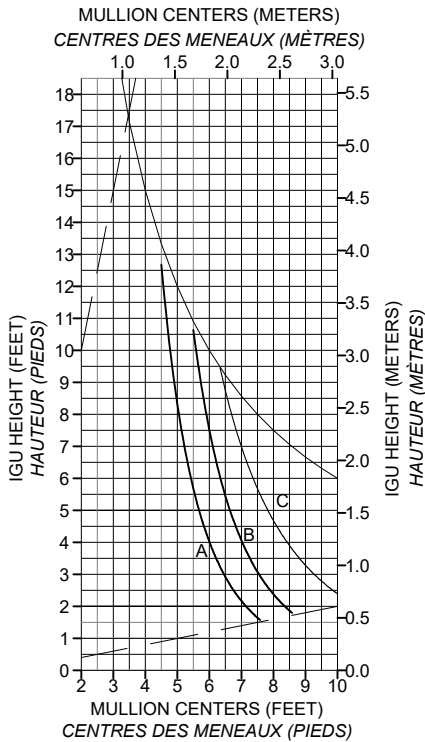
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}"$ (3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25020

VersaWall 2500

Deadload chart

Graphiques de charge permanente

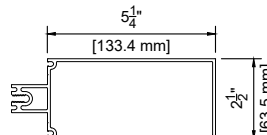
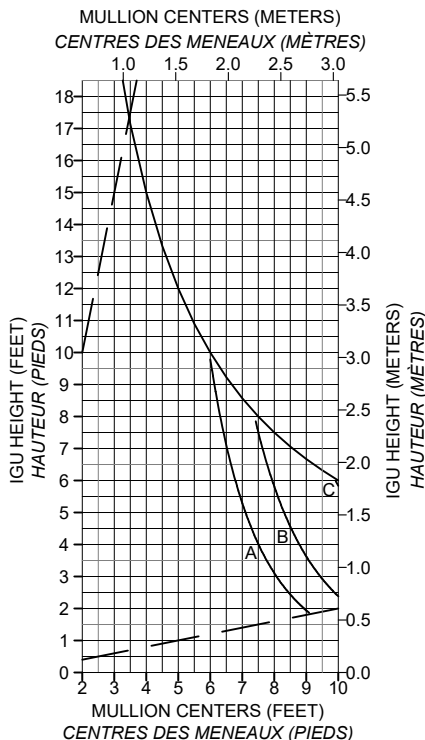


25440
 $I_x = 4.764 \text{ in}^4$
 $S_x = 1.779 \text{ in}^3$
 $I_y = 1.338 \text{ in}^4$
 $S_y = 1.070 \text{ in}^3$

GLAZING 1\"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1\"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6\" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: 1/16\"(1.6mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM 6063-T6	SECTION: 25440



25030
 $I_x = 8.462 \text{ in}^4$
 $S_x = 2.484 \text{ in}^3$
 $I_y = 1.632 \text{ in}^4$
 $S_y = 1.306 \text{ in}^3$

GLAZING 1\"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1\"(25,4mm)
 CALE D'APPUI À :

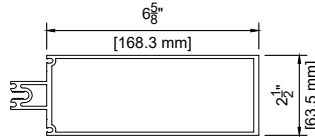
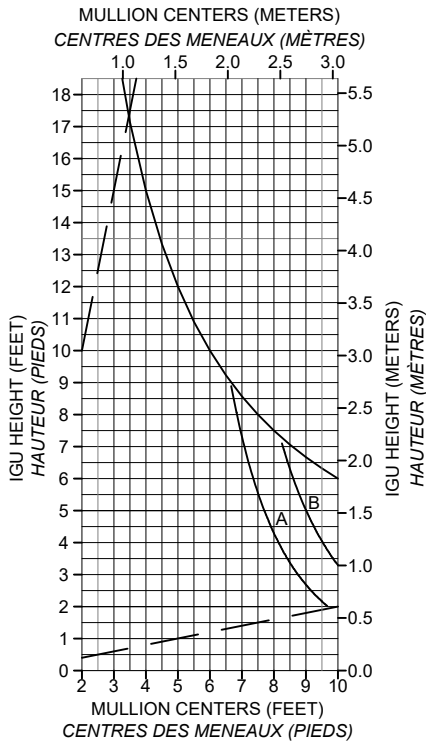
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6\" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: 1/8\"(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25030

VersaWall 2500

Deadload chart

Graphiques de charge permanente

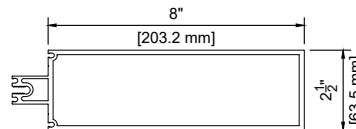
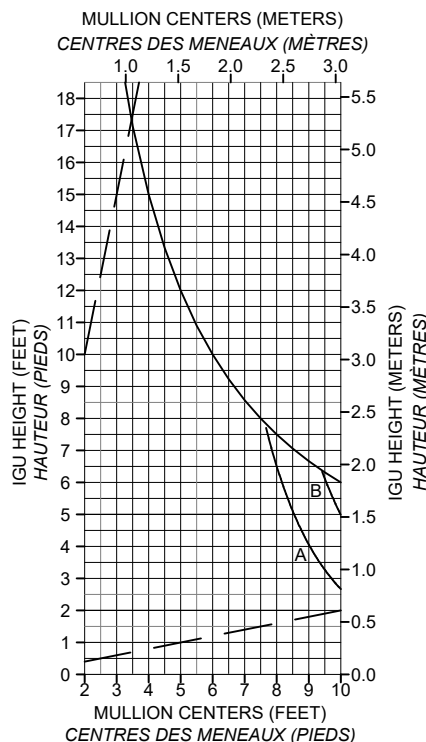


25040
 $I_x = 17.678 \text{ in}^4$
 $S_x = 4.459 \text{ in}^3$
 $I_y = 2.260 \text{ in}^4$
 $S_y = 1.808 \text{ in}^3$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25040



25080
 $I_x = 29.949 \text{ in}^4$
 $S_x = 6.520 \text{ in}^3$
 $I_y = 3.427 \text{ in}^4$
 $S_y = 2.742 \text{ in}^3$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

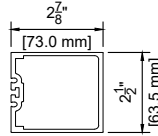
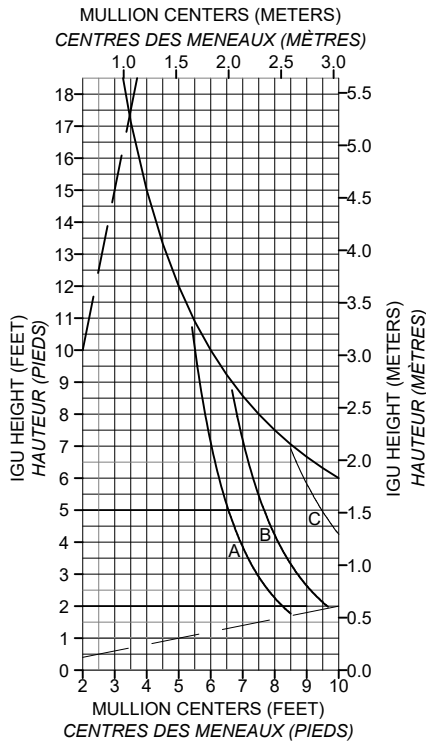
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25080

VersaWall 2500

Deadload chart

Graphiques de charge permanente

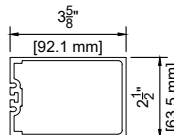
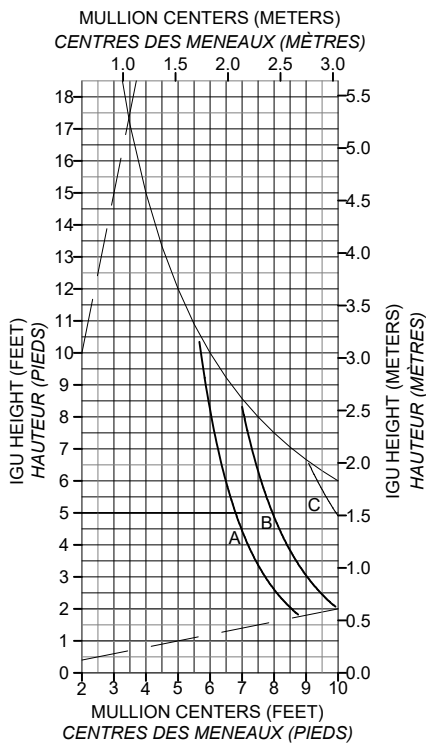


25300
 $I_x = 1.802 \text{ in}^4$
 $S_x = 1.147 \text{ in}^3$
 $I_y = 1.188 \text{ in}^4$
 $S_y = 0.950 \text{ in}^3$

GLAZING 1" (25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1" (25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}"$ (3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25300



25310
 $I_x = 2.921 \text{ in}^4$
 $S_x = 1.475 \text{ in}^3$
 $I_y = 1.373 \text{ in}^4$
 $S_y = 1.098 \text{ in}^3$

GLAZING 1" (25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1" (25,4mm)
 CALE D'APPUI À :

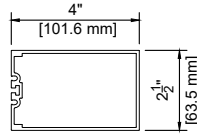
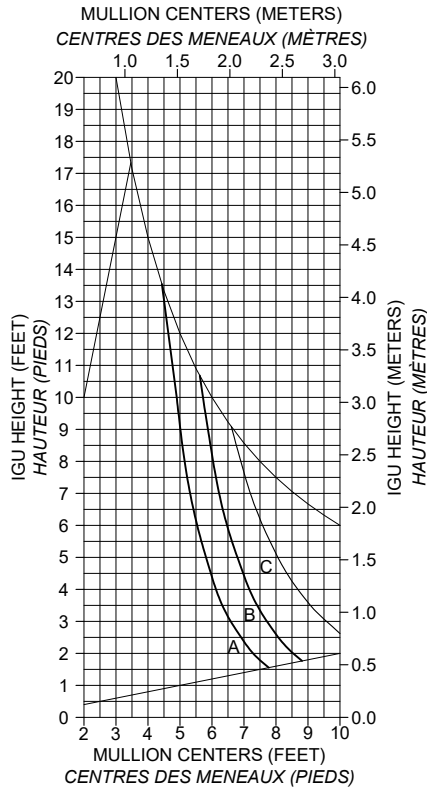
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}"$ (3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25310

VersaWall 2500

Deadload chart

Graphiques de charge permanente

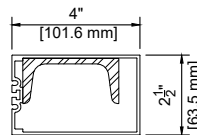
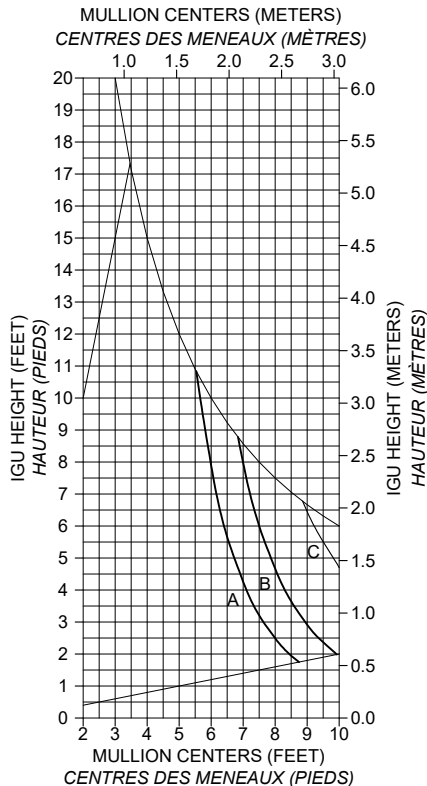


25325
 $I_x = 3.066 \text{ in}^4$
 $S_x = 1.387 \text{ in}^3$
 $I_y = 1.338 \text{ in}^4$
 $S_y = 1.071 \text{ in}^3$
 $A = 1.336 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25325



25325
 $I_x = 7.998 \text{ in}^4$
 $S_x = 3.679 \text{ in}^3$
 $C2 \text{ } 3/8 \times 1 \text{ } 1/2 \times 1/4$
 $I_y = 2.404 \text{ in}^4$
 $S_y = 1.365 \text{ in}^3$
 $A = 4.926 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

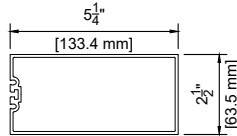
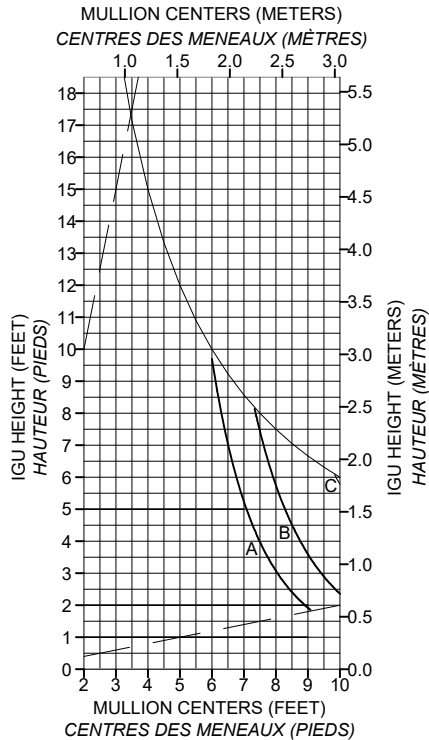
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25325

VersaWall 2500

Deadload chart

Graphiques de charge permanente

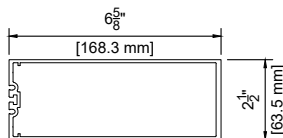
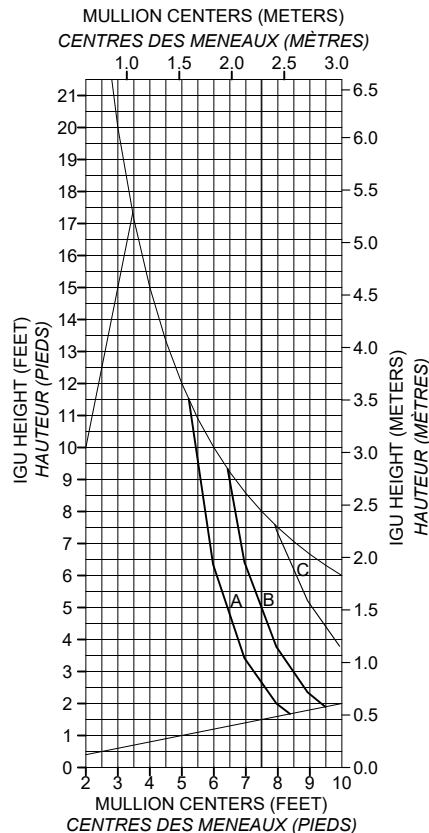


25330
 $I_x = 5.692 \text{ in}^4$
 $S_x = 2.032 \text{ in}^3$
 $I_y = 1.618 \text{ in}^4$
 $S_y = 1.294 \text{ in}^3$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}"$ (3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25330



25301
 $I_x = 12.182 \text{ in}^4$
 $S_x = 2.108 \text{ in}^3$
 $I_y = 2.108 \text{ in}^4$
 $S_y = 1.687 \text{ in}^3$
 $A = 1.982 \text{ in}^3$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

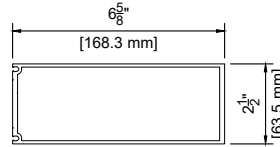
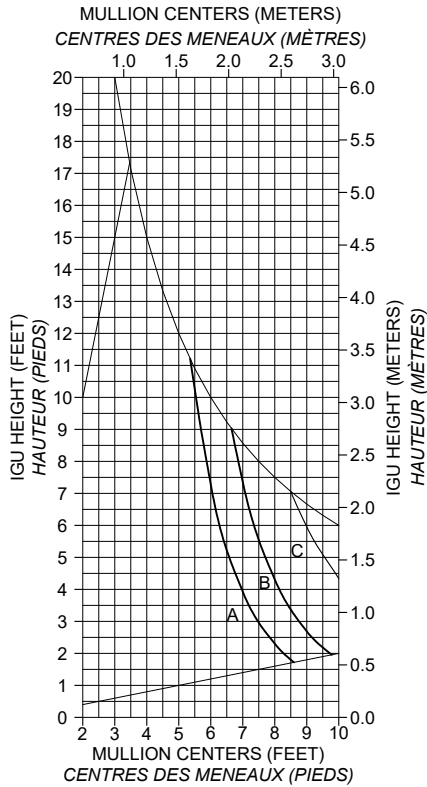
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}"$ (3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25301

VersaWall 2500

Deadload chart

Graphiques de charge permanente

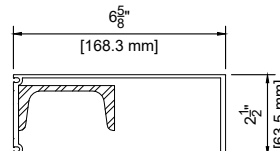
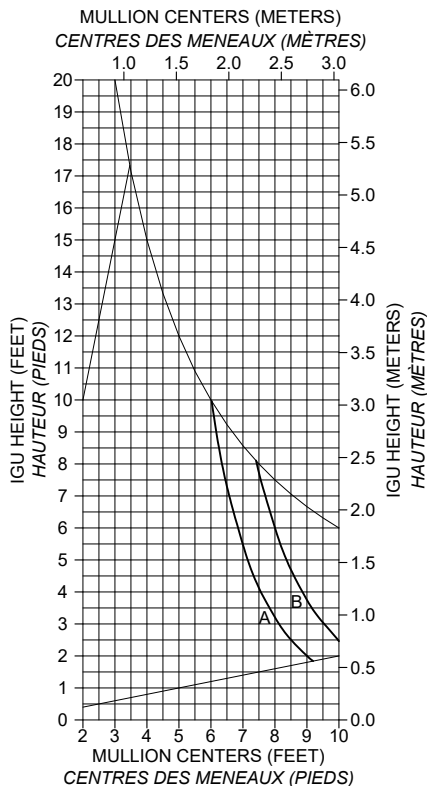


25430
 $I_x = 12.271 \text{ in}^4$
 $S_x = 3.698 \text{ in}^3$
 $I_y = 2.220 \text{ in}^4$
 $S_y = 1.776 \text{ in}^3$
 $A = 2.038 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25430



25430
 $I_x = 20.787 \text{ in}^4$
 $S_x = 4.760 \text{ in}^3$
 $C3 \times 4.1 \text{ lb/ft}$
 $I_y = 3.093 \text{ in}^4$
 $S_y = 1.996 \text{ in}^3$
 $A = 5.629 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

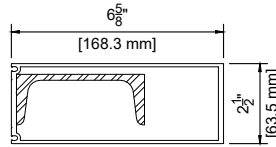
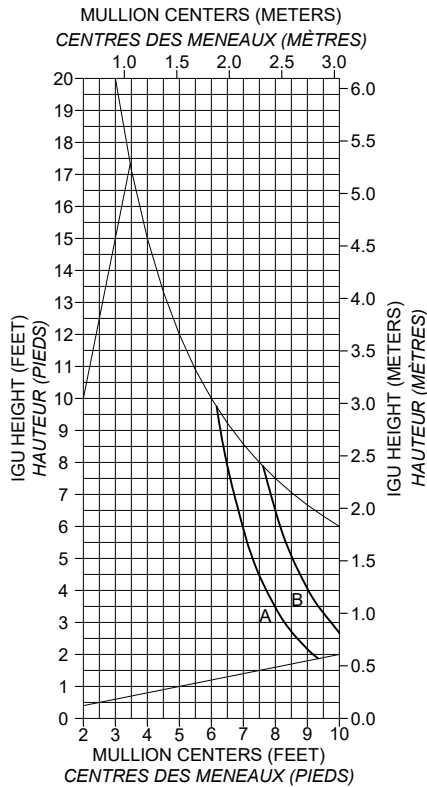
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25430

VersaWall 2500

Deadload chart

Graphiques de charge permanente

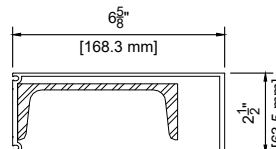
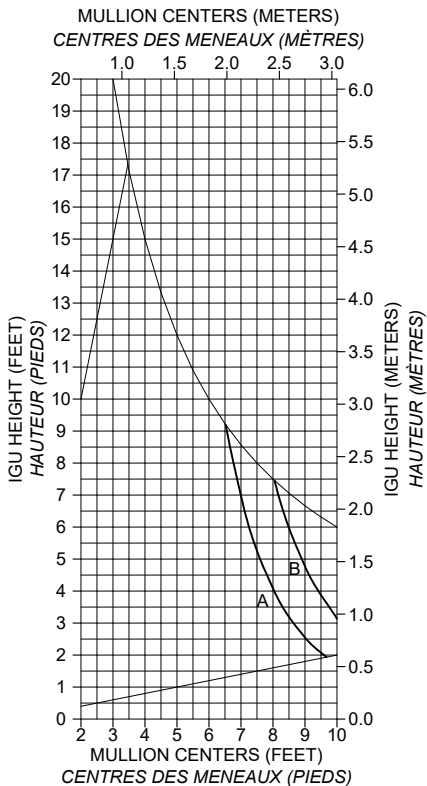


25430
 $I_x = 25.019 \text{ in}^4$
 $S_x = 6.125 \text{ in}^3$
 $C4 \times 5.4 \text{ lb/ft}$
 $I_y = 3.343 \text{ in}^4$
 $S_y = 2.193 \text{ in}^3$
 $A = 6.165 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25430



25430
 $I_x = 35.080 \text{ in}^4$
 $S_x = 9.239 \text{ in}^3$
 $C5 \times 6.7 \text{ lb/ft}$
 $I_y = 3.939 \text{ in}^4$
 $S_y = 2.532 \text{ in}^3$
 $A = 7.826 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

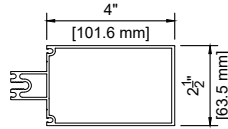
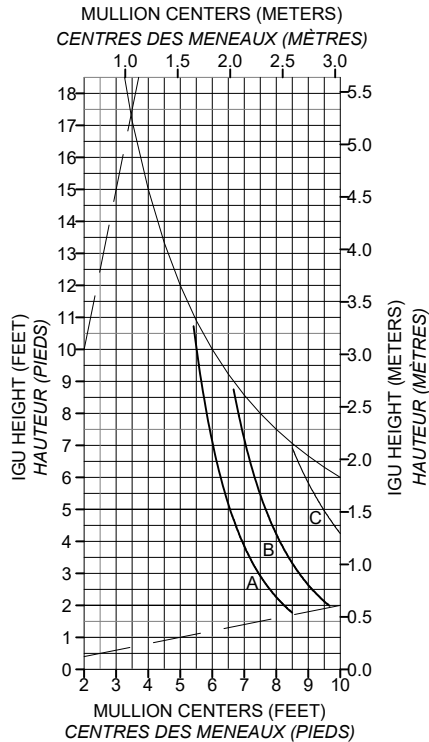
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25430

VersaWall 2500

Deadload chart

Graphiques de charge permanente

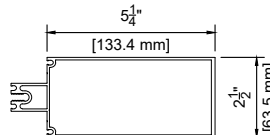
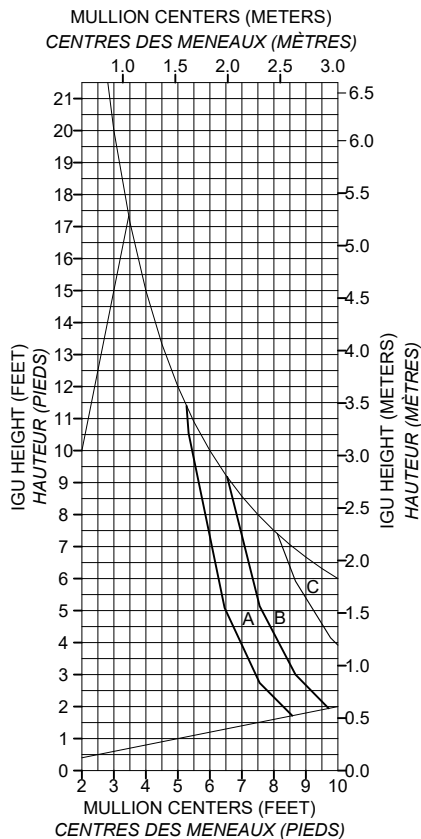


25820
 $I_x = 4.472 \text{ in}^4$
 $S_x = 1.710 \text{ in}^3$
 $I_y = 1.188 \text{ in}^4$
 $S_y = 0.951 \text{ in}^3$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25820



25830
 $I_x = 8.454 \text{ in}^4$
 $S_x = 2.612 \text{ in}^3$
 $I_y = 1.5 \text{ in}^4$
 $S_y = 1.198 \text{ in}^3$
 $A = 1.672 \text{ in}^3$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

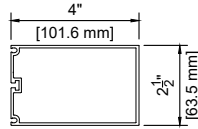
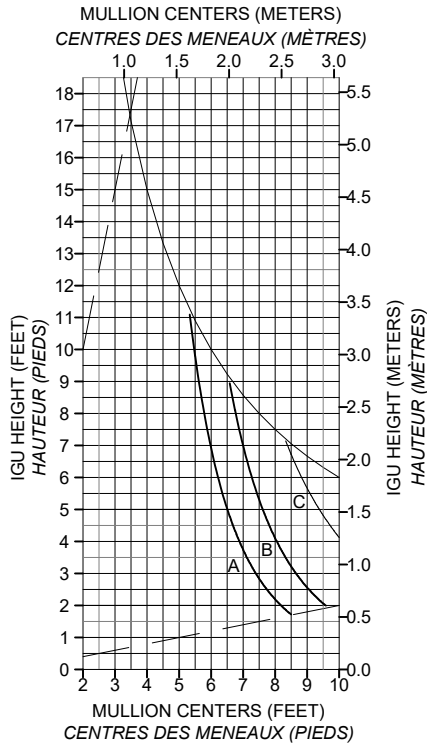
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25830

VersaWall 2500

Deadload chart

Graphiques de charge permanente

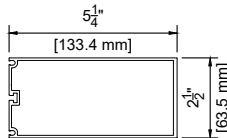
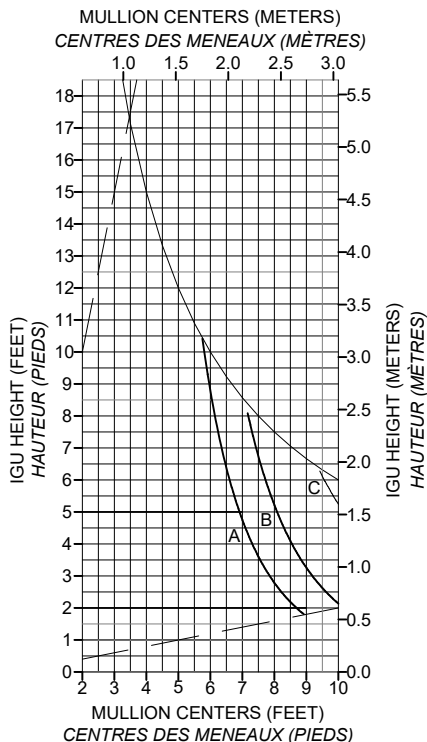


25850
 $I_x = 2.676 \text{ in}^4$
 $S_x = 1.306 \text{ in}^3$
 $I_y = 1.155 \text{ in}^4$
 $S_y = 0.924 \text{ in}^3$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}"$ (3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25850



25860
 $I_x = 5.389 \text{ in}^4$
 $S_x = 2.041 \text{ in}^3$
 $I_y = 1.466 \text{ in}^4$
 $S_y = 1.173 \text{ in}^3$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

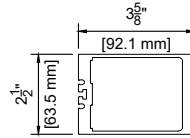
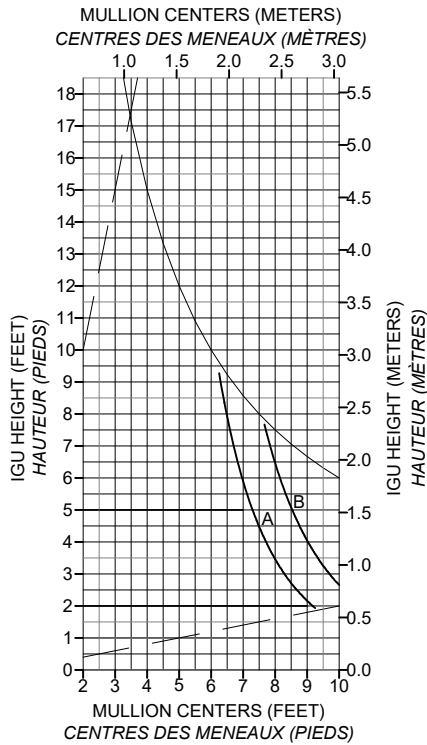
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}"$ (3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25860

VersaWall 2500

Deadload chart

Graphiques de charge permanente

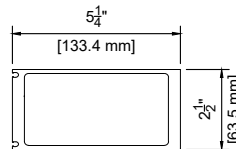
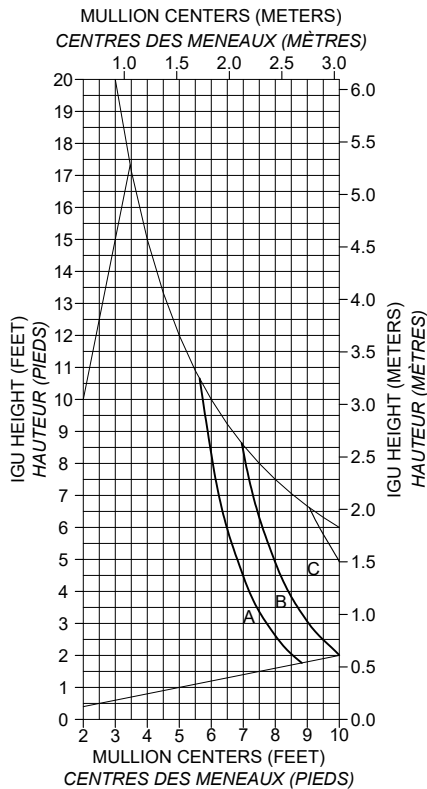


25320
 $I_x = 5.183 \text{ in}^4$
 $S_x = 2.789 \text{ in}^3$
 $I_y = 1.821 \text{ in}^4$
 $S_y = 1.457 \text{ in}^3$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25320



25420
 $I_x = 12.805 \text{ in}^4$
 $S_x = 4.802 \text{ in}^3$
 $I_y = 2.523 \text{ in}^4$
 $S_y = 2.019 \text{ in}^3$
 $A = 2.964 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

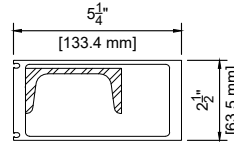
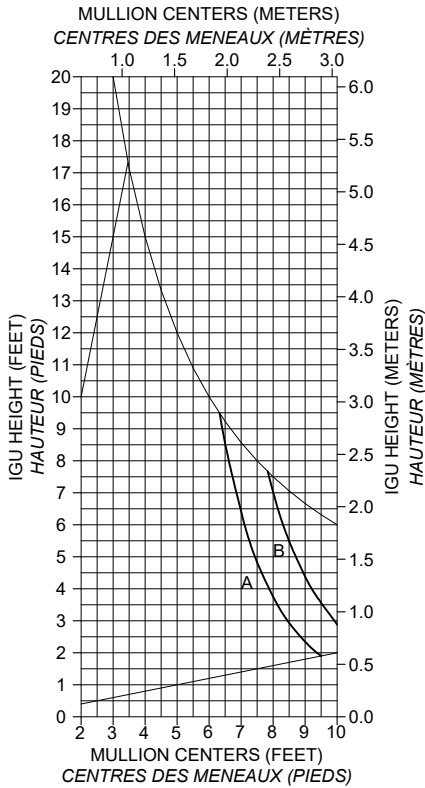
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25420

VersaWall 2500

Deadload chart

Graphiques de charge permanente

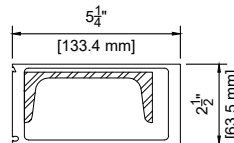
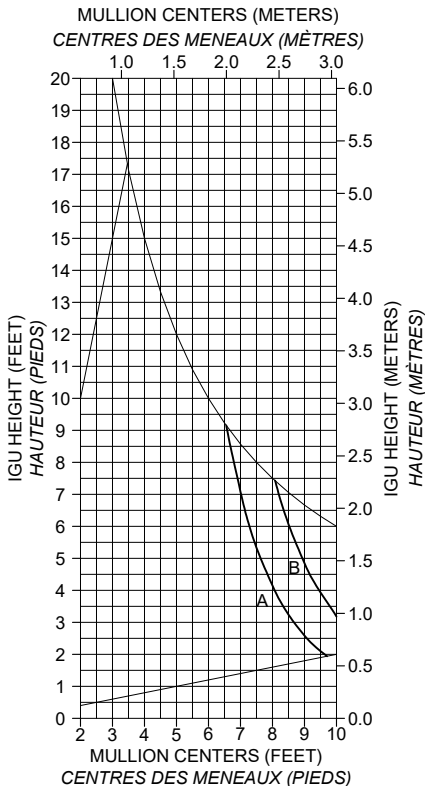


25420
 $I_x = 18.742 \text{ in}^4$
 $S_x = 6.212 \text{ in}^3$
 $C3 \times 4.1 \text{ lb/ft}$
 $I_y = 3.614 \text{ in}^4$
 $S_y = 2.323 \text{ in}^3$
 $A = 6.554 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25420



25420
 $I_x = 24.421 \text{ in}^4$
 $S_x = 8.841 \text{ in}^3$
 $C4 \times 5.4 \text{ lb/ft}$
 $I_y = 3.995 \text{ in}^4$
 $S_y = 2.531 \text{ in}^3$
 $A = 7.668 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

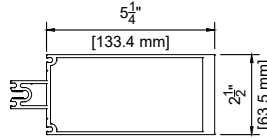
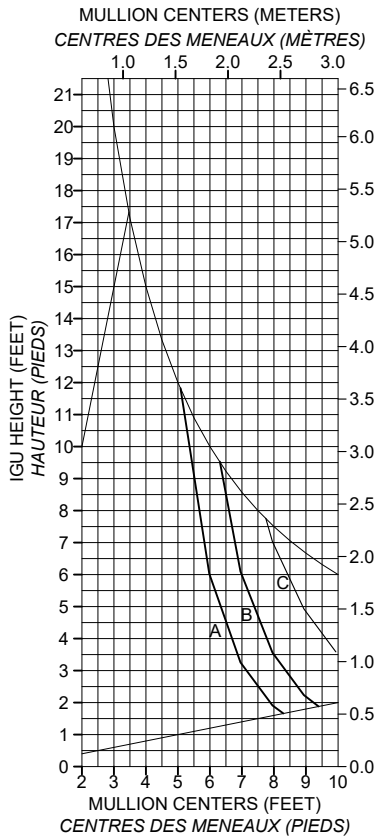
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25420

VersaWall 2500

Deadload chart

Graphiques de charge permanente

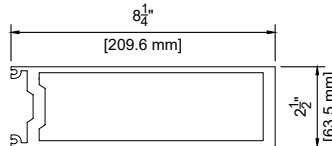
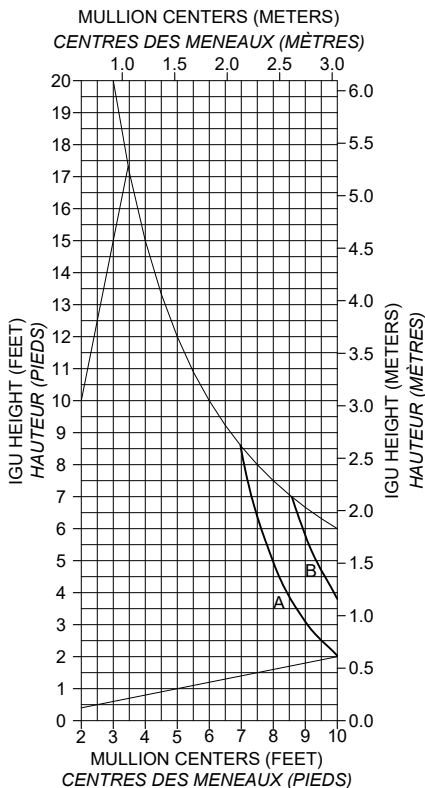


25031
 $I_x = 13.06 \text{ in}^4$
 $S_x = 3.605 \text{ in}^3$
 $I_y = 1.997 \text{ in}^4$
 $S_y = 1.597 \text{ in}^3$
 $A = 2.542 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25031



25900
 $I_x = 40.053 \text{ in}^4$
 $S_x = 9.647 \text{ in}^3$
 $I_y = 4.772 \text{ in}^4$
 $S_y = 3.817 \text{ in}^3$
 $A = 4.785 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

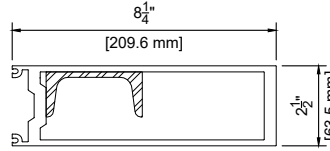
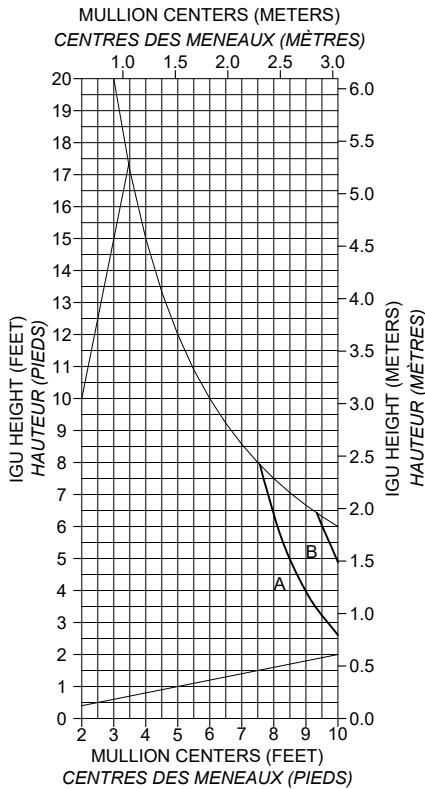
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25900

VersaWall 2500

Deadload chart

Graphiques de charge permanente

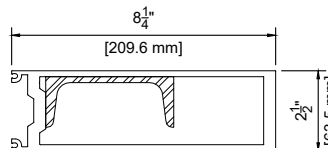
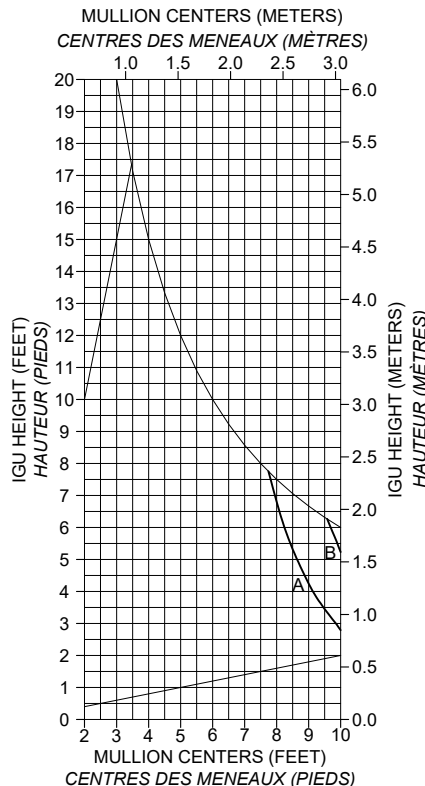


25900
 $I_x = 50.127 \text{ in}^4$
 $S_x = 10.492 \text{ in}^3$
 $C3 \times 4.1 \text{ lb/ft}$
 $I_y = 6.130 \text{ in}^4$
 $S_y = 4.051 \text{ in}^3$
 $A = 8.375 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: 1/8"(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25900



25900
 $I_x = 54.276 \text{ in}^4$
 $S_x = 11.715 \text{ in}^3$
 $C4 \times 5.4 \text{ lb/ft}$
 $I_y = 6.560 \text{ in}^4$
 $S_y = 4.247 \text{ in}^3$
 $A = 9.489 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

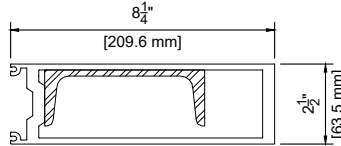
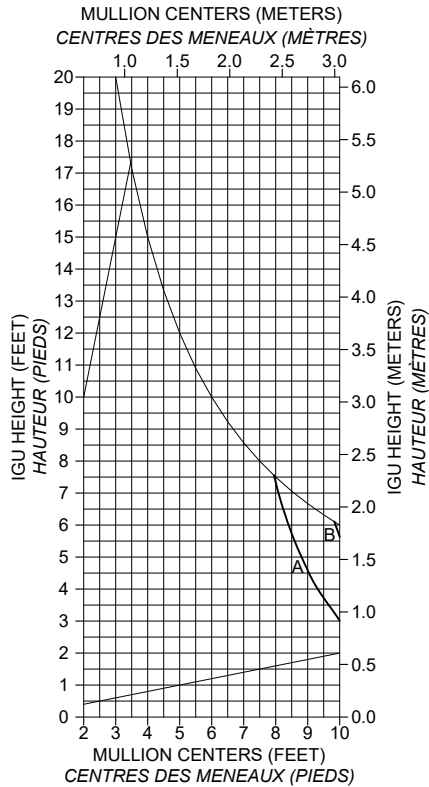
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: 1/8"(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25900

VersaWall 2500

Deadload chart

Graphiques de charge permanente

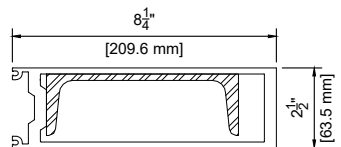
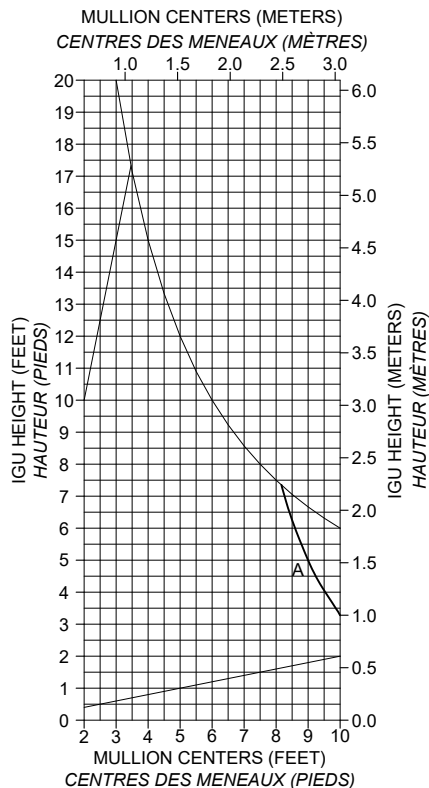


25900
 $I_x = 63.098 \text{ in}^4$
 $S_x = 14.280 \text{ in}^3$
 $C5 \times 6.7 \text{ lb/ft}$
 $I_y = 7.063 \text{ in}^4$
 $S_y = 4.533 \text{ in}^3$
 $A = 10.573 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY/ ALLIAGE	SECTION NUMBER/ NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25900



25900
 $I_x = 78.897 \text{ in}^4$
 $S_x = 19.019 \text{ in}^3$
 $C6 \times 8.2 \text{ lb/ft}$
 $I_y = 7.699 \text{ in}^4$
 $S_y = 4.917 \text{ in}^3$
 $A = 11.849 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

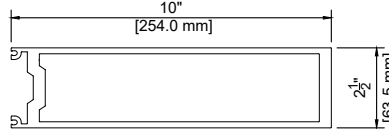
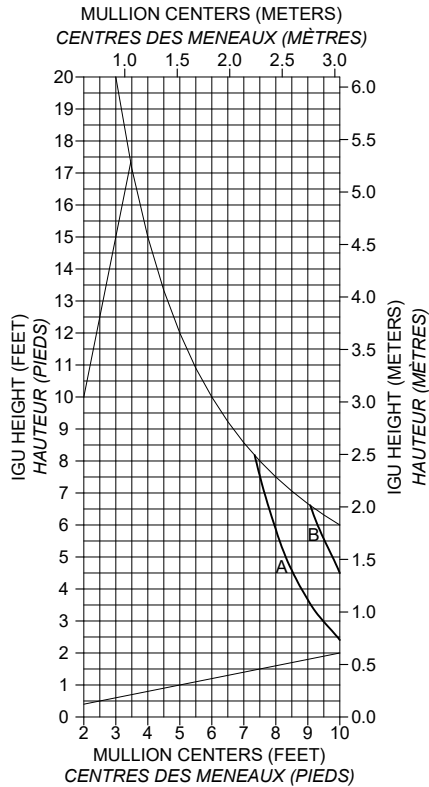
A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: $\frac{1}{8}$ "(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25900

VersaWall 2500

Deadload chart

Graphiques de charge permanente



25910
 $I_x = 65.791 \text{ in}^4$
 $S_x = 13.135 \text{ in}^3$
 $I_y = 5.650 \text{ in}^4$
 $S_y = 4.520 \text{ in}^3$
 $A = 5.440 \text{ in}^2$

GLAZING 1"(25.4mm) IGU
 WITH SETTING BLOCK AT:
 VITRAGE ISOLANT 1"(25,4mm)
 CALE D'APPUI À :

A = 1/4 POINTS
 B = 1/8 POINTS
 C = 6" POINTS

DEFLECTION CRITERION / CRITÈRE DE FLÈCHE: 1/8"(3.2mm)	
ALUMINUM ALLOY / ALLIAGE	SECTION NUMBER / NUMÉRO DE
D'ALUMINIUM: 6063-T6	SECTION: 25910