






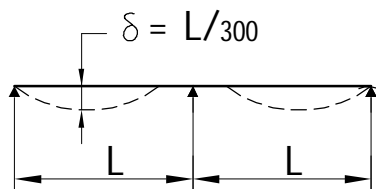
	68651	68652	68653	68654	68655	68656	68657
							
$I_x \text{ mm}^4$	$11 \cdot 10^4$	$36 \cdot 10^4$	$74 \cdot 10^4$	$118 \cdot 10^4$	$217 \cdot 10^4$	$313 \cdot 10^4$	$644 \cdot 10^4$
$I_y \text{ mm}^4$	$14 \cdot 10^4$	$22 \cdot 10^4$	$27 \cdot 10^4$	$32 \cdot 10^4$	$40 \cdot 10^4$	$46 \cdot 10^4$	$64 \cdot 10^4$
$W_x \text{ mm}^3$	$4 \cdot 10^3$	$9 \cdot 10^3$	$15 \cdot 10^3$	$20 \cdot 10^3$	$31 \cdot 10^3$	$39 \cdot 10^3$	$61 \cdot 10^3$
Distance c - in mm	$L_{\max}$ in mm						
800	2150	3200	4050	4650	5450	5950	7150
1000	2000	3000	3750	4400	5150	5600	6750
1200	1850	2800	3500	4100	4900	5350	6450
1400	1800	2650	3350	3900	4700	5150	6200
1600	1700	2550	3200	3750	4550	5000	6000
1800	1650	2450	3050	3600	4400	4850	5800
2000	1550	2350	2950	3450	4250	4750	5650
2200	1500	2300	2900	3350	4100	4600	5550
2400	1450	2200	2800	3250	4000	4500	5400
2600	1450	2150	2700	3200	3900	4400	5300
2800	1400	2100	2650	3100	3800	4300	5200
3000	1350	2050	2650	3050	3700	4200	5100

**ASSUMPTIONS:**

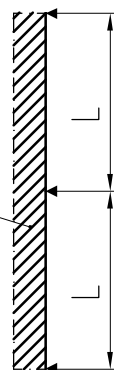
- Beam on 3 supports
- Wind load 0,6 kN/m<sup>2</sup>
- Loaded width c mm
- Loaded area according to drawing
- Deflection L/300 and limited to 15 mm

k= Conversion factor for wind load  $q_v$  kN/m<sup>2</sup>

$$Lq_v = k \cdot L_{\max}$$



$$\frac{c \times 0,6 \text{ kN/m}}{1000}$$



windload $q_v$ kN/m <sup>2</sup>	k
0,4	1,13
0,5	1,05
0,6	1,0
0,7	0,95
0,8	0,91
0,9	0,88
1,0	0,84
1,2	0,80
1,4	0,76
1,6	0,72
1,8	0,69
2,0	0,67

**ATTENTION!**

Maximum deflection for a glass shall be assumed as 8mm.

Check the capacity on mullions in lower span for the combination with dead load

<b>sapa:</b> <b>buildingsystem</b>	Data for estimated calculations of facade sections on 3 supports		<b>FACADE 4150</b>	
	-	07-03	P4150-406	