



Fp Facade

Fp Suite

ALU

PVC

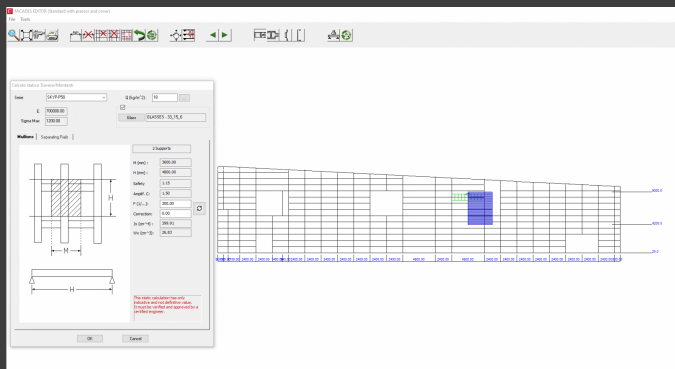
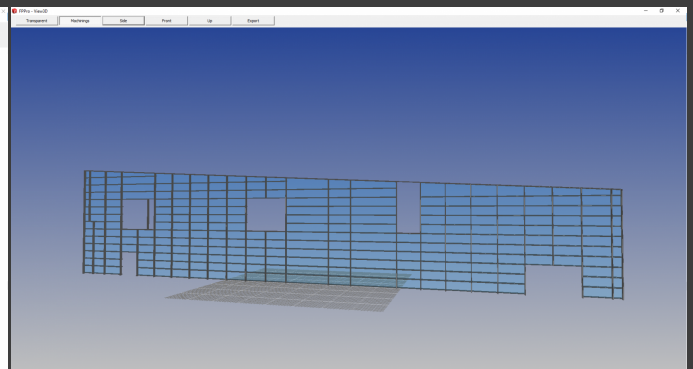
STEEL

Descrizione

Progettazione Di Facciate Continue.

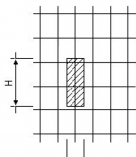
Modulo aggiuntivo di FP PRO, specifico per la gestione di facciate continue. La progettazione avviene in modo semplice e guidato con la definizione grafica di tipo, dimensioni, solai, profili con verifica del momento d'inerzia, fino alla generazione dei costi e della lista materiali.

Versioni Disponibili

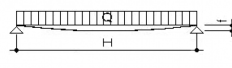

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 Emmegissoft srl via Carpi-Ravarino 300 41010 Limidi di Soliera (MO)		
Job Group: MGSOFT		
Client/Site: /		
Description:		
Printout date/time: 24/8/2018 15:08		
Item: 1		
Type: 1		
Description:		
Size: 10000.0 x 17774.0		
Profile serie: SKYP-F50		
External colour:		
Internal colour:		
Glazing: 33_15_6		
Panel:		

MULLION STATIC CALCULATION REPORT



Q = Wind load pressure
 M = Mullions center distance
 H = Floor center distance
 E = Modulus of elasticity
 f = Maximum allowed deflection



$$J_x = \frac{5}{384} \times \frac{Q \times M \times H}{E \times f} \times H^3$$

Q = Wind load pressure	60.00	Kg/m²
M = Mullions center distance	100.00	cm
H = Floor center distance	320.00	cm
E = Modulus of elasticity	700000.00	Kg/cm²
f = Maximum allowed deflection	1.07	cm

Jx = Moment of inertia **109.71 cm⁴**

In this project, it is suggested the following profile:

917.600	NC6086
79.400	NC6086
	NC6086

BENDING STRESS CHECKING

Mmax = Q x H x M x SC / 8

Q = Wind load pressure	60.00	Kg/m²
H = Floor center distance	320.00	cm
SC = Amplification coefficient * Safety coefficient	1.50 * 1.15	

Mmax = Design moment **13248.00 Kgcm**

d = Mmax / Wx

Mmax = Design moment	13248.00	Kgcm
Wx = Mullion resistance modules	79.400	cm²
d = Mullion maximum tension	166.85	Kg/cm²

Kg/cm² (must be < 1200.00)

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