

L'alternativa economica – Costruzione in legno massiccio elementi per solaio

Descrizione del per solaio:

Qualità

Collaudo di resistenza:

S10 o S13 secondo DIN 4074-1 (C24 o C30 secondo EN 338)

Collaudo visivo:

industriale
standard
industriale/select (il lato a destra = select)
select

Sezione trasversale

Elementi per solaio DRITTO:

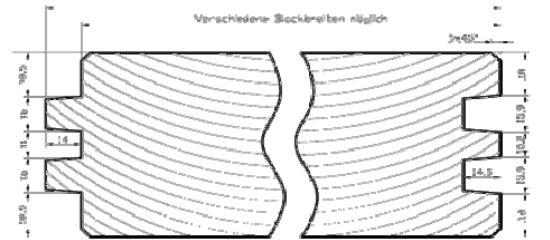
tutte le sezioni standard con incastro doppio a maschio/femmina

Spessori: mm 60, 80, 90, 100, 110, 120 e 140

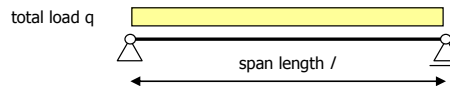
Vantaggi degli elementi per solaio

economico
montaggio veloce e facile
Dimensionamento preciso al mm → senza sfrido

Elementi per solaio DRITTO (profilo C)



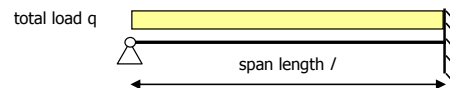
Predimensionamento Elementi per solaio (S10/C24)



ceiling elements used as single-span-girder under total load q

span length [m]	2,0	2,5	3,0	3,5	4,0	4,5	5,0	5,5	6,0	6,5	q = g + p [kN/m ²]
2,0	60	60	60	60	60	60	60	60	60	60	80
2,5	60	60	60	80	80	80	80	80	80	80	g < p
3,0	80	80	80	80	80	80	90	90	90	90	100
3,5	80	80	90	90	100	100	100	100	100	110	110
4,0	90	90	100	100	110	110	120	120	120	120	140
4,5	100	100	110	120	120	120	140	140	140	140	140
5,0	110	110	120	140	140	140	140	--	--	--	--
5,5	120	120	140	140	140	--	--	--	--	--	--
6,0	140	140	140	--	--	--	--	--	--	--	--

this span table should be used for a first valuation of thickness of the element, not for replace a detailed structural analysis



ceiling elements used as multi-span-girder under total load q

span length [m]	2,0	2,5	3,0	3,5	4,0	4,5	5,0	5,5	6,0	6,5	q = g + p [kN/m ²]
2,0	60	60	60	60	60	60	60	60	60	60	80
2,5	60	60	60	60	60	60	60	60	60	60	g < p
3,0	60	60	60	60	60	60	60	80	80	80	80
3,5	60	60	80	80	80	80	80	80	80	80	80
4,0	80	80	80	80	80	80	80	90	90	90	100
4,5	80	80	80	90	90	90	100	100	100	110	110
5,0	80	90	90	100	100	100	110	110	110	120	120
5,5	90	100	100	110	110	110	120	120	120	140	140
6,0	100	100	110	110	120	120	140	140	140	140	140

this span table should be used for a first valuation of thickness of the element, not for replace a detailed structural analysis