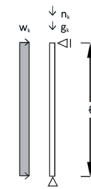


Statik Außenwand



Außenwände (w = 1,00 kN/m²)

nach Zulassung Z 9.1-559
 DIN 1052 (2008) bzw. EN 1995-1-1 (2006)

Eigen- gewicht gk*)	Nutzlast nk	Höhe (Knicklänge)													
		2,50 m				3,00 m				4,00 m					
		R 0	R 30	R 60	R 90	R 0	R 30	R 60	R 90	R 0	R 30	R 60	R 90		
10,00	10,00	60 C3s	80 C3s	80 C3s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s		
	20,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	30,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	40,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	50,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	60,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
20,00	10,00	60 C3s	80 C3s	80 C3s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s		
	20,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	30,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	40,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	50,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	60,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
30,00	10,00	60 C3s	80 C3s	80 C3s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s		
	20,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	30,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	40,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	50,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	60,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
40,00	10,00	60 C3s	80 C3s	80 C3s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s		
	20,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	30,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	40,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	50,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	60,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
50,00	10,00	60 C3s	80 C3s	80 C3s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s		
	20,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	30,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	40,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	50,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	60,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
60,00	10,00	60 C3s	80 C3s	80 C3s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s	60 C3s	80 C3s	100 C5s	120 C3s		
	20,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	30,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	40,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	50,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s
	60,00			80 C3s						80 C3s			90 C3s	100 C5s	140 C5s

* Das Eigengewicht von CLT ist mit $\rho = 500 \text{ kg/m}^3$ in der Tabelle bereits berücksichtigt!

NKL 1, Nutzlast Kategorie A ($\psi_0 = 0,7; \psi_1 = 0,5; \psi_2 = 0,3$)

Tragfähigkeit:

- a) Nachweis als Knickstab (Druck nach dem Ersatzstabverfahren)
- b) Schubspannungen

$k_{mod} = 0,8$

Brand:

- $v_{1,i} = 0,63 \text{ mm/min}$
- $v_{1,a} = 0,86 \text{ mm/min}$

R0
R30
R60
R90

Diese Tabelle dient lediglich zur Vorbemessung und ersetzt keine statische Berechnung!