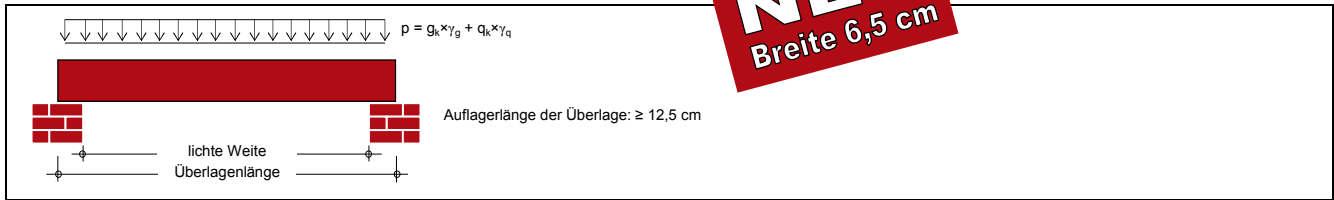


POROTHERM Überlage 24 × 6,5 cm

NEU
Breite 6,5 cm



zul. Design-Belastung ($p = g_k \times \gamma_g + q_k \times \gamma_q$)

lichte Weite [cm]	Überlagenlänge [cm]	Auflagerlänge [cm]	p [kN/m]	Bemessungswert der Mauerwerksdruckfestigkeit f_d [N/mm ²] des Auflagermauerwerks					
				$f_d \geq 0,90$ N/mm ²	$f_d \geq 1,02$ N/mm ²	$f_d \geq 1,20$ N/mm ²	$f_d \geq 1,42$ N/mm ²	$f_d \geq 1,62$ N/mm ²	$f_d \geq 1,92$ N/mm ²
50	100	25	p [kN/m] = 34,10	34,10	34,10	34,10	34,10	34,10	34,10
55		22,5	p [kN/m] = 31,79	31,79	31,79	31,79	31,79	31,79	
60		20	p [kN/m] = 28,78	29,85	29,85	29,85	29,85	29,85	
65		17,5	p [kN/m] = 24,34	27,73	28,93	28,93	28,93	28,93	
70		15	p [kN/m] = 20,16	22,98	27,43	28,06	28,06	28,06	
75		12,5	p [kN/m] = 16,22	18,50	22,10	25,87	27,65	27,65	
75	125	25	p [kN/m] = 28,11	28,11	28,11	28,11	28,11	28,11	
80		22,5	p [kN/m] = 25,80	26,68	26,68	26,68	26,68	26,68	
85		20	p [kN/m] = 21,80	24,84	25,44	25,44	25,44	25,44	
90		17,5	p [kN/m] = 18,56	21,16	24,83	24,83	24,83	24,83	
95		15	p [kN/m] = 15,46	17,64	21,07	24,26	24,26	24,26	
100		12,5	p [kN/m] = 12,50	14,27	17,07	20,00	22,80	24,01	
100	150	25	p [kN/m] = 23,85	24,91	24,91	24,91	24,91	24,91	
105		22,5	p [kN/m] = 20,54	23,41	24,38	24,38	24,38	24,38	
110		20	p [kN/m] = 17,51	19,96	23,11	23,11	23,11	23,11	
115		17,5	p [kN/m] = 14,95	17,06	20,39	22,23	22,23	22,23	
120		15	p [kN/m] = 12,50	14,27	17,07	20,00	21,39	21,39	
125		12,5	p [kN/m] = 10,13	11,58	13,87	16,27	18,56	20,60	
125	175	25	p [kN/m] = 19,66	22,38	22,38	22,38	22,38	22,38	
130		22,5	p [kN/m] = 17,03	19,43	20,88	20,88	20,88	20,88	
135		20	p [kN/m] = 14,60	16,66	19,58	19,58	19,58	19,58	
140		17,5	p [kN/m] = 12,50	14,27	17,07	18,94	18,94	18,94	
145		15	p [kN/m] = 10,46	11,96	14,32	16,79	18,34	18,34	
150		12,5	p [kN/m] = 8,49	9,72	11,66	13,68	15,62	17,76	
150	200 *)	25	p [kN/m] = 16,69	19,04	19,88	19,88	19,88	19,88	
155		22,5	p [kN/m] = 14,53	16,58	18,04	18,04	18,04	18,04	
160		20	p [kN/m] = 12,50	14,27	17,07	17,54	17,54	17,54	
165		17,5	p [kN/m] = 10,71	12,24	14,66	17,19	17,30	17,30	
170		15	p [kN/m] = 8,98	10,27	12,31	14,45	16,49	17,06	
175		12,5	p [kN/m] = 7,29	8,35	10,03	11,79	13,47	16,12	
175	225 *)	25	p [kN/m] = 14,49	16,53	17,08	17,08	17,08	17,08	
180		22,5	p [kN/m] = 12,65	14,44	15,72	15,72	15,72	15,72	
185		20	p [kN/m] = 10,91	12,47	14,93	15,22	15,22	15,22	
190		17,5	p [kN/m] = 9,36	10,70	12,83	15,05	15,15	15,15	
195		15	p [kN/m] = 7,84	8,99	10,79	12,67	14,47	14,96	
200		12,5	p [kN/m] = 6,37	7,31	8,79	10,34	11,82	14,16	
200	250 *)	25	p [kN/m] = 12,78	14,59	15,49	15,49	15,49	15,49	
205		22,5	p [kN/m] = 11,18	12,78	14,30	14,30	14,30	14,30	
210		20	p [kN/m] = 9,66	11,05	13,25	13,99	13,99	13,99	
215		17,5	p [kN/m] = 8,29	9,50	11,39	13,38	13,84	13,84	
220		15	p [kN/m] = 6,95	7,97	9,58	11,27	12,87	13,69	
225		12,5	p [kN/m] = 5,64	6,48	7,81	9,20	10,52	12,61	
225	275 *)	25	p [kN/m] = 11,42	12,93	12,93	12,93	12,93	12,93	
230		22,5	p [kN/m] = 10,01	11,45	12,40	12,40	12,40	12,40	
235		20	p [kN/m] = 8,67	9,92	11,89	11,92	11,92	11,92	
240		17,5	p [kN/m] = 7,44	8,52	10,24	11,68	11,68	11,68	
245		15	p [kN/m] = 6,23	7,16	8,61	10,13	11,44	11,44	
250		12,5	p [kN/m] = 5,05	5,81	7,01	8,27	9,47	11,36	
250	300 *)	25	p [kN/m] = 10,32	10,56	10,56	10,56	10,56	10,56	
255		22,5	p [kN/m] = 9,06	10,16	10,16	10,16	10,16	10,16	
260		20	p [kN/m] = 7,84	8,99	9,79	9,79	9,79	9,79	
265		17,5	p [kN/m] = 6,73	7,72	9,28	9,61	9,61	9,61	
270		15	p [kN/m] = 5,64	6,48	7,81	9,20	9,44	9,44	
275		12,5	p [kN/m] = 4,57	5,26	6,36	7,50	8,60	8,60	
275	325 *)	25	p [kN/m] = 8,73	8,73	8,73	8,73	8,73	8,73	
280		22,5	p [kN/m] = 8,23	8,43	8,43	8,43	8,43	8,43	
285		20	p [kN/m] = 7,16	8,15	8,15	8,15	8,15	8,15	
290		17,5	p [kN/m] = 6,14	7,05	8,01	8,01	8,01	8,01	
295		15	p [kN/m] = 5,14	5,92	7,14	7,87	7,87	7,87	
300		12,5	p [kN/m] = 4,16	4,80	5,81	6,86	7,74	7,74	

*) Achtung! Spaltzubewehrung an den Trägerenden! Überlagen in dieser Länge dürfen daher nicht geschnitten werden!