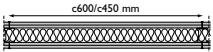
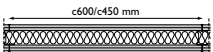
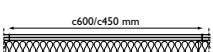
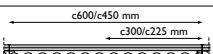
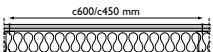
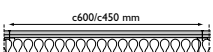
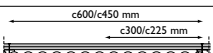
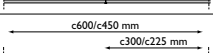


Veggtyper og dimensjoner

- Stålstendere

Brannklasse	Lydklasse cc 600 Rw	Max. vegg høyde mm cc 450 cc 600	Tykkelse mm	Veggtype	Nummer	Dimensjon
EI 30	30	3000	69	E 45/45 12-12 M0	S1a	
			94	E 70/70 12-12 M0	S1b	
			119	E 95/95 12-12 M0	S1c	
	35	3000	81	E 45/45 9+9+9+9 M0	S2a	
	35	3000	63	E 45/45 9-9 M45	S3a	
	35 40	3000 4000	69 94	E 45/45 12-12 M45 E 70/70 12-12 M70	S4a S4b	
	40	3000	88	E 70/70 9-9 M70	S5a	
	40	3000	81	E 45/45 9+9+9+9 M45	S6a	
	44	4000	112	E 70/70 9+12-12+9 M70	S8a	
	44	4000	119	E 95/95 12-12 M95	S9a	
EI 60	35	3000	93	E 45/45 12+12-12+12 M0	S10a	
	40	4000	94	E 70/70 12-12 S70	S12a	
	40	4000	113	E 95/95 9-9 S95	S13a	
	40	4000	118	E 70/70 12+12-12+12 M0	S14a	
	40	4000	119	E 95/95 12-12 S95	S15a	
	44	4000	143	E 95/95 12+12-12+12 M0	S16a	

Veggtyper og dimensjoner - Stålstendere

Brannklasse	Lydklasse cc 600 Rw	Max. vegghøyde mm cc 450 cc 600	Tykkelse mm	Veggtype	Nummer	Dimensjon
EI 90	40	3000	81	E 45/45 9+9-9+9 M0	S17a	
	44	4000	106	E 70/70 9+9-9+9 S70	S18a	
	48	4000	131	E 95/95 9+9-9+9 S95	S19a	
	48	4000	131	D 70/95 9+9-9+9 S95	S20a	
EI 120	44	4000	112	E 70/70 9+12-12+9 S70	S21a	
	48	4000	137	E 95/95 9+12-12+9 S95	S22a	
	48	4000	131	D 70/95 9+9-9+9 S95	S23a	
	55	4000	186	DD 70/70 9+9-9+9 S140	S24a	

Forklaring til veggene:

E 45/45 12-12 M0: enkeltstender; 45 mm stender/45 mm skinne; 12 mm Multi Force - 12 mm Multi Force; Mineralull 0 mm; Nr. S1a

E 45/45 9+9-9+9 S45: enkeltstender; 45 mm stender/45 mm skinne; 9+9 mm Multi force - 9+9 mm Multi Force; Mineralull 45 mm; Nr. S17a

D 70/95 9+9-9+9 M95: Forskutte stendere; cc 300/225 mm; 70 mm stender/95 mm skinne; 9+9 mm Multi Force - 9+9 mm Multi Force; Mineralull 95 mm; Nr. S20a

DD 70/70 9+9-9+9 S140: Doble stendere; cc 300/225 mm; 70 mm stender/70 mm skinne; 9+9 mm Multi Force - 9+9 mm Multi Force; Mineralull 140 mm; Nr. S24a

Øvrige forklaringer

Stålprofiler: Varmforzinket kaldvalset tynnplate i ht. DS/EN 10327:2004

Stålskinner: 0,56x30/b/30 mm, Z 275; b = skinnebredde (45, 70 eller 95 mm)

Stålstendere: 0,56x5/40/h/43/5 mm, Z 275; h = profilhøyde (45, 70 eller 95 mm)

M: mineralull kan være stein eller glassull

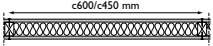
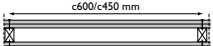
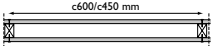
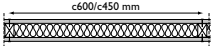
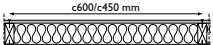
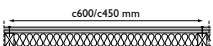
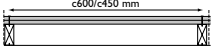
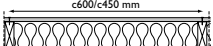
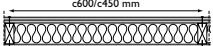
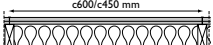
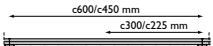
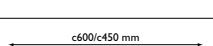
NB

For EI 60 eller mer, skal det benyttes steinull med en densitet på min 28 kg/m³

S7a: 8 SP - betyr 8 mm våtromsplate

S24a: min. 10 mm avstand mellom skinnene.

Veggtyper og dimensjoner - Trestendere

Brannklasse	Lydklasse cc 600 Rw	Max. vegghøyde mm cc 450 cc 600	Tykkelse mm	Veggtype	Nummer	Dimensjon
EI 30	30	3000	63	E 45/45x45 9-9 M45	W1a	
	30	3000	81	E 45/45 9+9-9+9 M0	W2a	
	30	3000	69	E 45/45 12-12 M0	W3a	
	30	4000	94	E 70/70 12-12 M0	W3b	
	35	4000	119	E 95/95 12-12 M0	W3c	
	35	3000	69	E 45/45 12-12 M45	W4a	
	35	4000	88	E 70/70 9-9 M70	W6a	
35	3000	81	E 45/45 9+9-9+9 M45	W7a		
REI 30/EI 30	35	4000	106 131	E 70/70 9+9-9+9 M0 E 95/95 9+9-9+9 M0	W8a W8b	
	35	4000	119	E 95/95 12-12 M95	W9a	
	40	4000	106 131	E 70/70 9+9-9+9 M70 E 95/95 9+9-9+9 M95	W10a W10b	
	44	4000	137	E 95/95 9+12-12+9 M95	W11a	
	48	4000	131	D 70/95 9+9-9+9 M95	W12a	
EI 30	55	4000	176	DD 70/70 9+9-9+9 M2x70	W13a	

Veggtyper og dimensjoner

- Trestendere

Brannklasse	Lydklasse cc 600 Rw	Max. vegg høyde mm cc 450 cc 600	Tykkelse mm	Veggtype	Nummer	Dimensjon
EI 60	35	3000	93	E 45/45 12+12-12+12 M0	W14a	
	35	3000	81	E 45/45 9+9-9+9 S45	W15a	
	35	4000	94	E 70/70 12-12 S70	W16a	
	35	4000	113	E 95/95 9-9 S95	W17a	
REI 30/EI 60	35	4000	118	E 70/70 12+12-12+12 M0	W18a	
EI 60	35	4000	119	E 95/95 12-12 S95	W19a	
REI 30/EI 60	40	4000	143	E 95/95 12+12-12+12 M0	W20a	
REI 60/EI 90	40	4000	106	E 70/70 9+9-9+9 S70	W21a	
			131	E 95/95 9+9-9+9 S95	W21b	
EI 120	44	4000	137	E 95/95 9+12-12+9 S95	W22a	
	48	4000	131	D 70/95 9+9-9+9 S95	W23a	
	55	4000	186	DD 70/70 9+9-9+9 S140	W24a	

Forklaring til veggene:

E 45/45 9 + 9 M45: enkeltstender; 45 mm stender/45 mm skinne; 9 mm Multi Force - 9 mm Multi Force;

Mineralull 45 mm Nr. W1a

E 45/45 9+9-9+9 S45: enkeltstender; 45 mm stender/45 mm skinne; 9+9 mm Multi Force - 9+9 mm Multi Force; Mineralull 45 mm; Nr. W15a
c600/c450 mm c300/c225 mm 2x9 mm 2x9 mm

D 70/95 9+9-9+9 M95: Forskutte stendere; cc 300/225 mm; 70 mm stendere/95 mm skinne; 9+9 mm Multi Force - 9+9 mm Multi Force;

Mineralull 95 mm; Nr. W23a

DD 70/70 9+9-9+9 S140: Doble stendere; cc 300/225 mm; 70 mm stendere/70 mm skinne; 9+9 mm Multi Force - 9+9 mm Multi Force;

Mineralull 140 mm; Nr. S24a

Øvrige forklaringer

Sviller: 45xb mm; b = svillbredde (45, 70 eller 95 mm)

Trestendere: 45xh mm, h = stenderhøyde (45, 70 eller 95 mm)

NB!

M: Mineralull kan være stein eller glassull

For EI 60 og mer, skal steinull ha en densitet på min. 28 kg/m³ W5a: 8SP - betyr 8 mm våtromsplate

W24a: min. 10 mm avstand mellom sviller

Yttervegg

Konstruksjon	Brann-klasse	Lydklasse Rw	Konstruksjonens oppbygging	Dimensjoner
Yttervegg, Y1	EI 30	35	Cembrit fasade plate EPDM gummlist 21x48 mm lekter 4.5 mm Cembrit Windstopper Extreme 48x73 stendere cc 600 12 mm Cembrit Multi Force	
Yttervegg, Y2	REI 30/ EI 60	40	Cembrit fasade plate EPDM gummlist 21x48 mm lekter 4.5 mm eller 9 mm Cembrit Windstopper Extreme 48x98 stendere cc 600 mm 95 mm mineralull 30 kg/m³ 12 mm Cembrit Multi Force	

Sjaktvegger

Brannklasse	Lydklasse Rw	Maks. vegg høyde	Tykkelse	Konstruksjonens oppbygging	Nummer	Dimensjoner
EI 15	28	3000	12	1x12 mm Cembrit Multi Force, Stålstendere R70 maks 600 mm cc	SV 1a	
EI 30 / E 90	30	3000	24	2x12 mm Cembrit Multi Force, Stålstendere R70 maks 600 mm cc	SV 1b	
EI 60	36	3000	44	1x12 mm Cembrit Multi Force, 20 mm glassull, 1x12 mm Cembrit Multi Force, Stålstendere R70 maks 600 mm cc		

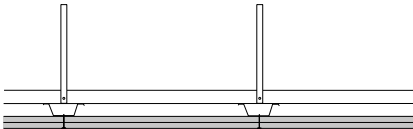
Øvrige forklaringer:

Trelekter: Ihht. forskriftene utarbeidet av The Danish Society of Engineers, IDA
Stålprofiler: Varmforsinket kaldvalset tynnplate i henhold til DS/EN 10327:2004

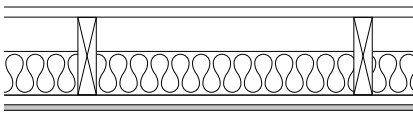
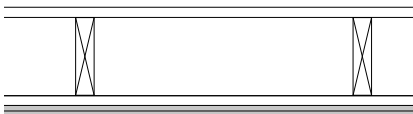
Takfot

Brannklasse	Tykkelse	Takkonstruksjon	Nummer
EI 30	24	1. Yttervegg EI30 - EI60 2. Takstol maks c1200 3. Brannetting 4. 28x70mm stendere, avstand maks c400 5. 2x12mm Multi Force	ER 1a

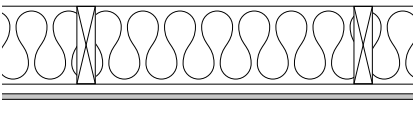
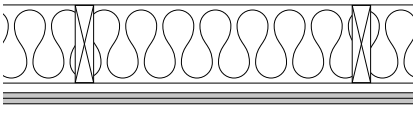
Nedsenket himling

Brannklasse	Lydklasse Rw	Konstruksjonens oppbygging	Nummer
EI 30 / E60	28	StålOppheng 1x25 cc 500mm Sekundær profil FR 66/55 cc 1200mm Hovedprofil 20/25/70/25/20 cc 400mm 2 x 12 mm Cembrit Multi Force	SC1  2x12 mm

Balkonger, himlinger og gulv

Brannklasse	Lydklasse Rw	Konstruksjonens oppbygging	Nummer
REI 30	32	Treplank 22 mm, Trebjelker 45x170 cc 600mm, Rockwool 95mm, Treplanker 28x70 cc 450mm 12mm Cembrit Multi Force	F1  12 mm
REI 60	40	Treplank 20 mm, Trebjelker 48x148 cc 600 mm, Treplank 20 mm cc 400mm, 2x12 mm Cembrit Multi Force	F2  2x12 mm

Himlinger

Brannklasse	Lydklasse Rw	Konstruksjonens oppbygging	Nr.
REI 30	28	45 x 170 mm trebjelker cc 600 mm, 170 mm Rockwool min 28 kg/m ³ , Dampsperre 28 x 70 Treplank 1 x 12 mm Cembrit Multi Force	C1  12 mm
REI 60	32	45x170 mm Trebjelker cc 600 mm, 170 mm Rockwool min 28 kg/m ³ , Dampsperre Hatteprofil stål 25/80 maks cc 450 mm, 2x12 mm Cembrit Multi Force	C2  2x12 mm