



Fişa produsului -
Panouri sandwich
pentru perete cu
prindere vizibilă

SPW-S CORE^{PIR}

STEEL SERVICE CENTRE



Fișa produsului

Panouri sandwich pentru perete cu prindere vizibilă

SPW-S CORE^{PIR}



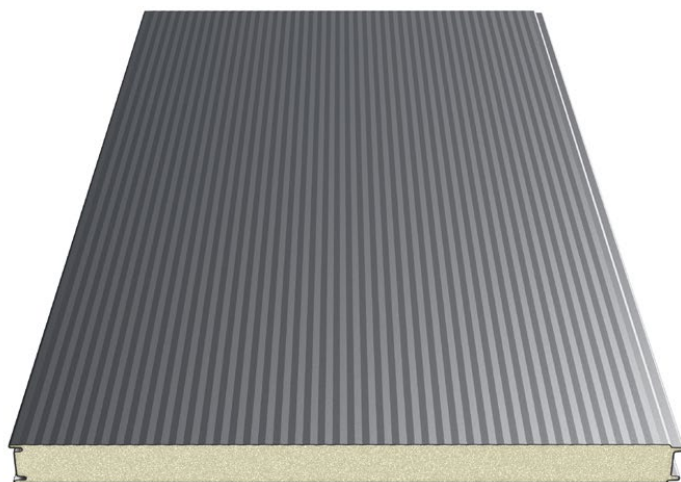
Scanează codul și
află mai multe despre
produs

Panourile tip sandwich sunt produse moderne care satisfac până și cele mai exigente cerințe ale pieței.

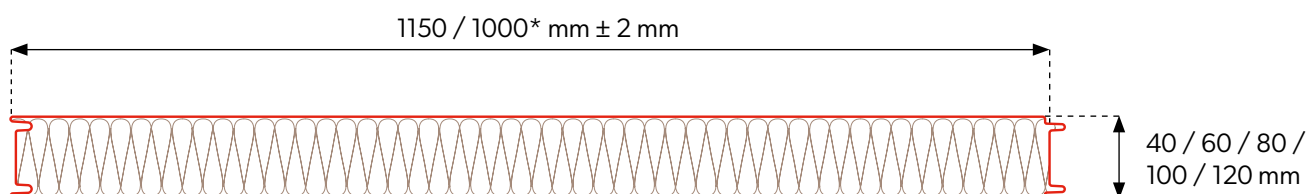
Aceste panouri permit montajul lor pe pereții interiori și exteriori a clădirilor industriale și clădirilor rezidențiale.

Pentru client, livrăm un produs de o înaltă calitate la un preț redus; pentru arhitect înseamnă o gamă largă de posibilități în raport cu detaliile de proiectare; pentru dirigintele de șantier reprezintă un montaj rapid și simplu; șeful de șantier are o verificare transparentă și ușoară a întregului proces de construcție, de la livrare până la predarea clădirii.

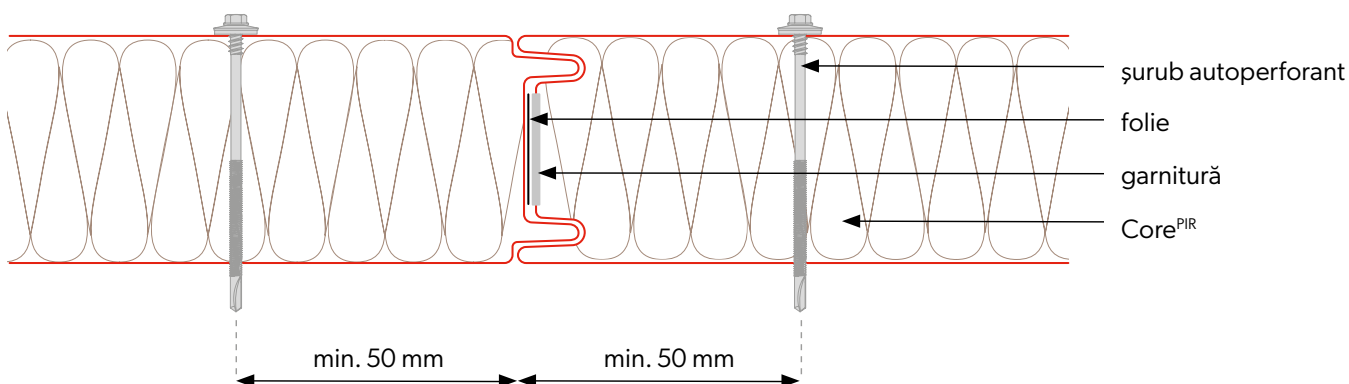
Detalii tehnice



Secțiune transversală a plăcii



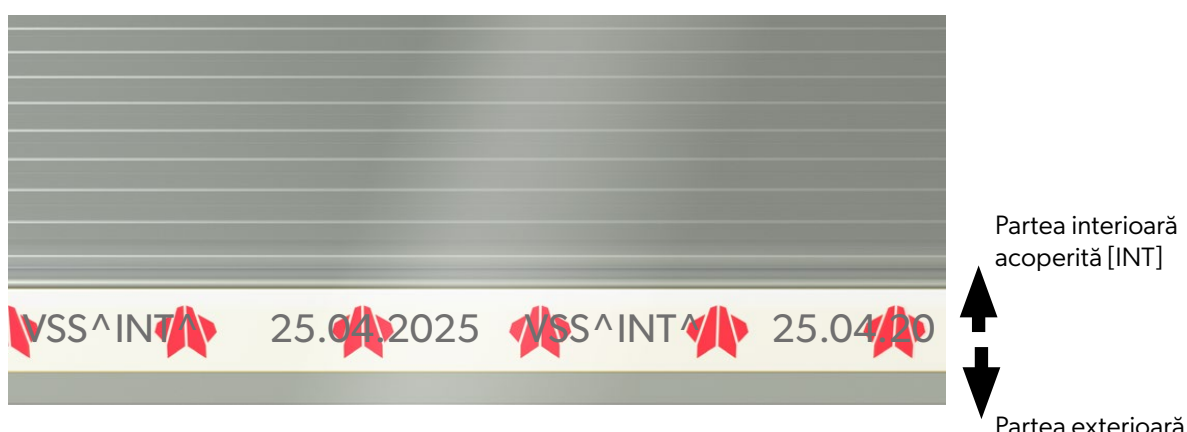
Conectarea plăcilor



*Accesibilitatea modului este convenită individual cu departamentul de vânzări.

Parametrii tehnici

Miez	PIR				
Densitate [kg/m³]	40 ± 3				
Grosimea panoului PIR [mm]	40	60	80	100	120
Greutate [kg/m²]	8,7	9,5	10,3	11,1	11,9
Lățimea utilă [mm]	1150, 1000*				
Lățimea totală [mm]	1171, 1021*				
Lungimea min. a panoului [mb]	2,5	2,0			
Lungimea max. a panoului [mb]	15,0				
Grosimea tablei ext. / int. [mm]	0,3-0,7 / 0,3-0,7				
Coeficientul U [W/m²K]	0,55	0,37	0,28	0,22	0,18
Reacția la foc	NRO				
Tipul de profilare ext. / int.	[M], [T1], [R], [F] / [T1], [M], [F]				
Rezistența la coroziune ext. / int.	C1, C2, C3 (C4 ÷ C5) / A1 (A2 ÷ A5)				
Straturi de vopsire standard	Poliester Interior [INT], Poliester Standard [RAL], HERCULIT [HC], MULTILAYER 40 [MLT]				
Straturi de vopsire speciale	PVDF, PUR, PVC (P), PVC (F) - FoodSafe				
Accesorii	Șuruburi autofiletante, Garnituri de etanșare, Flashing-uri, Luminatoare				

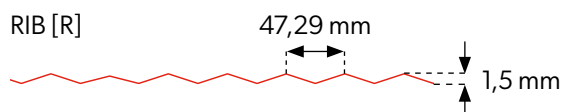
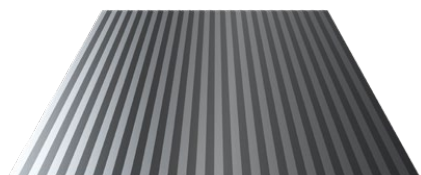
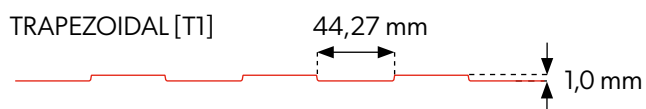
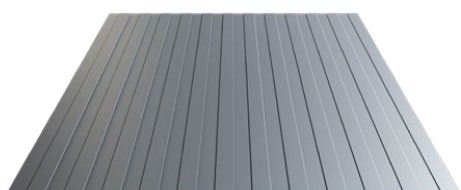
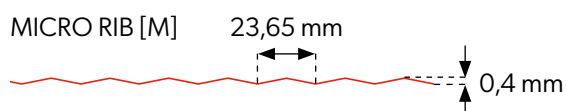
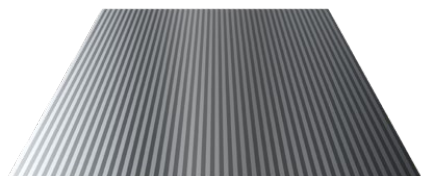


NOTĂ! Săgețile marcate cu simbolul **^INT^** de pe dispozitivul de blocare a panoului indică **partea interioară** a panoului sandwich cu stratul de acoperire **[INT]** INTERIOR.



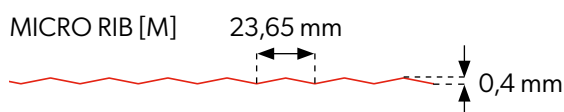
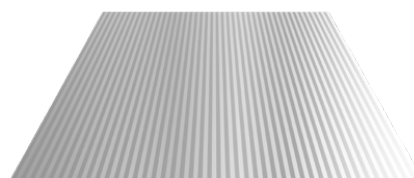
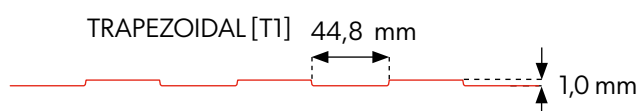
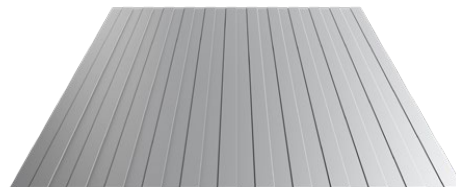
*Accesibilitatea modului este convenită individual cu departamentul de vânzări.

Profilare externă



FLAT [F]

Profilare internă



FLAT [F]



ATENȚIE! Datorită structurii panourilor sandwich cu profile FLAT [F], poate apărea așa-numitul efect „fluturarea” tablei. Acesta este un fenomen natural pentru acest tip de produse. Vă recomandăm să contactați departamentul tehnic pentru a alege soluția optimă.



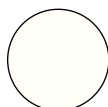
Profilările interne și externe sunt disponibile în orice configurație.

Straturi de vopsea și culori

POLYESTER Interior [INT] - Culori disponibile pentru montajul interior



INT
9002



INT
9010

POLYESTER Standard [RAL] - Culori disponibile pentru montajul exterior



RAL
1002



RAL
1015



RAL
3000



RAL
3005



RAL
3009



RAL
3011



RAL
5010



RAL
6005



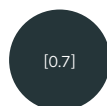
RAL
6011



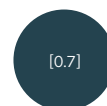
RAL
6020



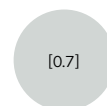
RAL
6029



RAL
7016



RAL
7024



RAL
7035



RAL
8004



RAL
8017



RAL
8019



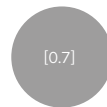
RAL
9002



RAL
9005



RAL
9006



RAL
9007



RAL
9010

HERCULIT [HC]



HC 3009



HC 7016



HC 8004



HC 8017



HC 9005

MULTILAYER 40 [MLT] - Culori disponibile pentru montajul exterior



SL252
Winchester



SL59
Dark Oak



SL65
Golden
Oak



Tehnologia de imprimare nu permite redarea exactă.
Prin urmare, culorile prezentate sunt orientative și pot
să difere de culorile reale.



La cererea dumneavoastră, vă putem oferi și alte
culori non-standard care se află în afara gamei de
culori prezentate: (PVDF, PUR, PVC (P), PVC (F) -
FoodSafe).

Cod	Grosimea stratului de vopsea	Rezistența la coroziune	Protecție UV
POLIESTER Interior [INT]	15 µm	RA2	Nu se aplică
POLIESTER Standard [RAL]	25 µm	RC3	RUV2
HERCULIT [HC]	35 µm	RC4	RUV4
MULTILAYER 40 [MLT]	40 µm	RC3	RUV3

The span widths are calculated according to the proof procedures given in EN 14509.
All loads are regarded as characteristic loads. Element dead loads have been considered in the span calculations.
Possible errors and omissions excepted. Please consider, that this table does not replace a verifiable structural design.



Panouri sandwich- SPW-S CORE PIR 40 T1/T1 0,50/0,40

System	Colour group	Characteristics downward load, e.g. snow load [kN/m ²]												
		0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,6	1,8	2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	41	41
		4,44	4,16	3,88	3,65	3,46	3,29	3,15	3,03	2,82	2,54	2,24	2,00	1,81
	II	40	40	40	40	40	40	40	40	40	40	40	41	41
		4,44	4,16	3,88	3,65	3,46	3,29	3,15	3,03	2,82	2,54	2,24	2,00	1,81
	III	40	40	40	40	40	40	40	40	40	40	40	41	41
		4,44	4,16	3,88	3,65	3,46	3,29	3,15	3,03	2,82	2,54	2,24	2,00	1,81
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		4,29	3,88	3,60	3,39	3,22	3,09	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		4,29	3,88	3,60	3,39	3,22	3,09	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		4,29	3,88	3,60	3,39	3,22	3,09	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,42	4,76	4,32	4,00	3,74	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,42	4,76	4,32	4,00	3,74	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,42	4,77	4,32	3,99	3,74	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60

System	Colour group	Characteristics uplifting load, e.g. wind suction [kN/m ²]												
		-0,3	-0,4	-0,5	-0,6	-0,7	-0,8	-0,9	-1,0	-1,2	-1,4	-1,6	-1,8	-2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		4,83	4,39	4,00	3,66	3,38	3,17	2,99	2,83	2,59	2,40	2,24	2,02	1,83
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		4,44	4,16	3,88	3,65	3,38	3,17	2,99	2,83	2,59	2,40	2,24	2,02	1,83
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		3,76	3,57	3,42	3,29	3,17	3,07	2,98	2,83	2,59	2,40	2,24	2,02	1,83
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,17	4,48	4,00	3,66	3,38	3,17	2,99	2,83	2,59	2,40	2,24	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,17	4,48	4,00	3,66	3,38	3,17	2,99	2,83	2,59	2,40	2,24	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		4,13	3,73	3,46	3,25	3,09	2,96	2,85	2,75	2,59	2,40	2,24	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,16	4,48	4,00	3,66	3,38	3,17	2,99	2,84	2,59	2,40	2,24	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,17	4,48	4,00	3,66	3,38	3,17	2,99	2,84	2,59	2,40	2,24	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,16	4,48	4,00	3,66	3,38	3,17	2,99	2,83	2,59	2,40	2,24	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60

The span widths are calculated according to the proof procedures given in EN 14509.
All loads are regarded as characteristic loads. Element dead loads have been considered in the span calculations.
Possible errors and omissions excepted. Please consider, that this table does not replace a verifiable structural design.



Panouri sandwich- SPW-S CORE PIR 40 T1/T1 0,50/0,50

System	Colour group	Characteristics downward load, e.g. snow load [kN/m ²]												
		0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,6	1,8	2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	40	41
		4,53	4,25	4,00	3,76	3,56	3,40	3,25	3,12	2,90	2,53	2,23	2,00	1,81
	II	40	40	40	40	40	40	40	40	40	40	40	40	41
		4,53	4,25	4,00	3,76	3,56	3,40	3,25	3,12	2,90	2,53	2,23	2,00	1,81
	III	40	40	40	40	40	40	40	40	40	40	40	40	41
		4,53	4,25	4,00	3,76	3,56	3,40	3,25	3,12	2,90	2,53	2,23	2,00	1,81
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,37	4,80	4,41	4,12	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,38	4,80	4,41	4,12	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,38	4,80	4,41	4,12	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,88	5,10	4,55	4,16	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,88	5,10	4,56	4,16	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,88	5,10	4,56	4,16	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60

System	Colour group	Characteristics uplifting load, e.g. wind suction [kN/m ²]												
		-0,3	-0,4	-0,5	-0,6	-0,7	-0,8	-0,9	-1,0	-1,2	-1,4	-1,6	-1,8	-2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		4,99	4,54	4,20	3,94	3,72	3,52	3,34	3,19	2,93	2,56	2,25	2,02	1,83
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		4,53	4,26	4,00	3,76	3,56	3,40	3,25	3,12	2,90	2,56	2,25	2,02	1,83
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		3,81	3,63	3,47	3,34	3,23	3,13	3,04	2,94	2,75	2,56	2,25	2,02	1,83
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,77	5,04	4,55	4,16	3,85	3,61	3,40	3,23	2,95	2,56	2,25	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,12	4,55	4,16	3,87	3,64	3,46	3,29	3,15	2,92	2,56	2,25	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		3,46	3,22	3,04	2,90	2,78	2,69	2,61	2,53	2,41	2,32	2,24	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,88	5,10	4,56	4,16	3,85	3,61	3,40	3,23	2,94	2,56	2,25	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,88	5,10	4,56	4,16	3,85	3,61	3,40	3,23	2,94	2,56	2,25	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		4,71	4,15	3,77	3,49	3,28	3,10	2,96	2,84	2,64	2,49	2,25	2,02	1,83
		60	60	60	60	60	60	60	60	60	60	60	60	60

The span widths are calculated according to the proof procedures given in EN 14509.
All loads are regarded as characteristic loads. Element dead loads have been considered in the span calculations.
Possible errors and omissions excepted. Please consider, that this table does not replace a verifiable structural design.



Panouri sandwich- SPW-S CORE PIR 60 T1/T1 0,50/0,40

System	Colour group	Characteristics downward load, e.g. snow load [kN/m ²]												
		0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,6	1,8	2,0
Single Span	I	40	40	40	40	40	40	42	45	49	53	56	60	60
		6,21	5,68	5,28	4,96	4,70	4,43	4,17	3,96	3,61	3,34	3,13	2,95	2,69
	II	40	40	40	40	40	40	42	45	49	53	56	60	60
		6,21	5,68	5,28	4,96	4,70	4,43	4,17	3,96	3,61	3,34	3,13	2,95	2,69
	III	40	40	40	40	40	40	42	45	49	53	56	60	60
		6,22	5,69	5,28	4,96	4,70	4,43	4,17	3,96	3,61	3,34	3,13	2,95	2,69
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,19	4,69	4,35	4,10	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,19	4,69	4,35	4,10	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,19	4,69	4,35	4,10	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,57	5,77	5,23	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,57	5,77	5,23	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,57	5,77	5,23	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60

System	Colour group	Characteristics uplifting load, e.g. wind suction [kN/m ²]												
		-0,3	-0,4	-0,5	-0,6	-0,7	-0,8	-0,9	-1,0	-1,2	-1,4	-1,6	-1,8	-2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,34	5,49	4,91	4,48	4,15	3,88	3,66	3,48	3,17	2,94	2,75	2,59	2,46
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,21	5,49	4,91	4,48	4,15	3,88	3,66	3,48	3,17	2,94	2,75	2,59	2,46
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,36	5,07	4,84	4,48	4,15	3,88	3,66	3,48	3,17	2,94	2,75	2,59	2,46
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,34	5,49	4,91	4,48	4,15	3,88	3,66	3,48	3,17	2,94	2,75	2,59	2,46
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,34	5,49	4,91	4,49	4,15	3,88	3,66	3,48	3,17	2,94	2,75	2,59	2,46
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,01	4,52	4,19	3,94	3,74	3,58	3,45	3,33	3,14	2,94	2,75	2,59	2,46
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,34	5,49	4,91	4,48	4,15	3,88	3,66	3,48	3,17	2,94	2,75	2,59	2,46
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,34	5,49	4,91	4,48	4,15	3,88	3,66	3,48	3,17	2,94	2,75	2,59	2,46
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,34	5,49	4,91	4,49	4,15	3,88	3,66	3,48	3,17	2,94	2,75	2,59	2,46
		60	60	60	60	60	60	60	60	60	60	60	60	60

The span widths are calculated according to the proof procedures given in EN 14509.
All loads are regarded as characteristic loads. Element dead loads have been considered in the span calculations.
Possible errors and omissions excepted. Please consider, that this table does not replace a verifiable structural design.



Panouri sandwich- SPW-S CORE PIR 60 T1/T1 0,50/0,50

System	Colour group	Characteristics downward load, e.g. snow load [kN/m ²]												
		0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,6	1,8	2,0
Single Span	I	40	40	40	40	40	40	42	45	49	53	56	60	60
		6,36	5,88	5,46	5,11	4,73	4,43	4,17	3,96	3,61	3,34	3,13	2,95	2,68
	II	40	40	40	40	40	40	42	45	49	53	56	60	60
		6,36	5,88	5,46	5,11	4,73	4,43	4,17	3,96	3,61	3,34	3,13	2,95	2,68
	III	40	40	40	40	40	40	42	45	49	53	56	60	60
		6,37	5,88	5,47	5,11	4,73	4,43	4,17	3,96	3,61	3,34	3,13	2,95	2,68
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,52	5,82	5,33	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,52	5,82	5,33	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,52	5,82	5,33	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,23	6,26	5,33	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,23	6,26	5,33	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,23	6,26	5,33	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60

System	Colour group	Characteristics uplifting load, e.g. wind suction [kN/m ²]												
		-0,3	-0,4	-0,5	-0,6	-0,7	-0,8	-0,9	-1,0	-1,2	-1,4	-1,6	-1,8	-2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,76	6,16	5,6	5,11	4,73	4,42	4,17	3,96	3,61	3,35	3,13	2,95	2,7
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,36	5,88	5,46	5,11	4,73	4,42	4,17	3,96	3,61	3,35	3,13	2,95	2,7
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,46	5,17	4,94	4,74	4,57	4,39	4,17	3,96	3,61	3,35	3,13	2,95	2,7
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,03	6,14	5,53	5,08	4,73	4,42	4,17	3,96	3,61	3,35	3,13	2,95	2,70
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,22	5,52	5,04	4,69	4,42	4,20	3,99	3,82	3,54	3,32	3,13	2,95	2,70
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		4,20	3,90	3,68	3,51	3,37	3,26	3,16	3,07	2,92	2,81	2,71	2,62	2,55
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,22	6,26	5,60	5,11	4,73	4,42	4,17	3,96	3,61	3,35	3,13	2,95	2,70
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,22	6,26	5,60	5,11	4,73	4,42	4,17	3,96	3,61	3,35	3,13	2,95	2,70
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,72	5,03	4,56	4,22	3,96	3,75	3,57	3,43	3,19	3,01	2,86	2,73	2,63
		60	60	60	60	60	60	60	60	60	60	60	60	60

The span widths are calculated according to the proof procedures given in EN 14509.
All loads are regarded as characteristic loads. Element dead loads have been considered in the span calculations.
Possible errors and omissions excepted. Please consider, that this table does not replace a verifiable structural design.



Panouri sandwich- SPW-S CORE PIR 80 T1/T1 0,50/0,40

System	Colour group	Characteristics downward load, e.g. snow load [kN/m ²]												
		0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,6	1,8	2,0
Single Span	I	40	40	40	40	43	46	49	52	56	61	65	69	73
		7,72	7,06	6,48	5,92	5,48	5,12	4,83	4,58	4,18	3,87	3,62	3,41	3,24
	II	40	40	40	40	43	46	49	52	56	61	65	69	73
		7,72	7,06	6,48	5,92	5,48	5,12	4,83	4,58	4,18	3,87	3,62	3,41	3,24
	III	40	40	40	40	43	46	49	52	56	61	65	69	73
		7,73	7,05	6,48	5,92	5,48	5,12	4,83	4,58	4,18	3,87	3,62	3,41	3,24
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,96	5,38	4,99	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,96	5,38	4,99	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,96	5,38	4,99	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,55	6,63	5,32	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,55	6,63	5,32	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,55	6,63	5,32	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60

System	Colour group	Characteristics uplifting load, e.g. wind suction [kN/m ²]												
		-0,3	-0,4	-0,5	-0,6	-0,7	-0,8	-0,9	-1,0	-1,2	-1,4	-1,6	-1,8	-2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,33	6,35	5,68	5,18	4,80	4,49	4,23	4,02	3,67	3,40	3,18	3,00	2,84
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,33	6,35	5,68	5,18	4,80	4,49	4,23	4,02	3,67	3,40	3,18	3,00	2,84
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,86	6,35	5,68	5,18	4,80	4,49	4,24	4,02	3,67	3,40	3,18	3,00	2,84
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,33	6,35	5,68	5,18	4,80	4,49	4,24	4,02	3,67	3,40	3,18	3,00	2,84
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,33	6,35	5,68	5,18	4,80	4,49	4,23	4,02	3,67	3,40	3,18	3,00	2,84
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,75	5,20	4,81	4,52	4,30	4,12	3,96	3,83	3,61	3,40	3,17	3,00	2,84
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,33	6,35	5,68	5,18	4,80	4,49	4,24	4,02	3,67	3,40	3,18	3,00	2,84
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,33	6,35	5,68	5,18	4,80	4,49	4,23	4,02	3,67	3,40	3,18	3,00	2,84
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,33	6,35	5,68	5,18	4,80	4,49	4,23	4,02	3,67	3,40	3,18	3,00	2,84
		60	60	60	60	60	60	60	60	60	60	60	60	60

The span widths are calculated according to the proof procedures given in EN 14509.
All loads are regarded as characteristic loads. Element dead loads have been considered in the span calculations.
Possible errors and omissions excepted. Please consider, that this table does not replace a verifiable structural design.



Panouri sandwich- SPW-S CORE PIR 80 T1/T1 0,50/0,50

System	Colour group	Characteristics downward load, e.g. snow load [kN/m ²]												
		0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,6	1,8	2,0
Single Span	I	40	40	40	40	43	46	49	52	56	61	65	69	73
		8,01	7,25	6,48	5,92	5,48	5,12	4,83	4,58	4,18	3,87	3,62	3,41	3,24
	II	40	40	40	40	43	46	49	52	56	61	65	69	73
		8,01	7,25	6,48	5,92	5,48	5,12	4,83	4,58	4,18	3,87	3,62	3,41	3,24
	III	40	40	40	40	43	46	49	52	56	61	65	69	73
		8,01	7,25	6,48	5,92	5,48	5,12	4,83	4,58	4,18	3,87	3,62	3,41	3,24
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,49	6,66	5,32	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,49	6,66	5,32	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,50	6,65	5,33	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,37	6,66	5,32	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,37	6,66	5,32	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,37	6,66	5,33	4,44	3,80	3,33	2,96	2,66	2,22	1,90	1,66	1,48	1,33
		60	60	60	60	60	60	60	60	60	60	60	60	60

System	Colour group	Characteristics uplifting load, e.g. wind suction [kN/m ²]												
		-0,3	-0,4	-0,5	-0,6	-0,7	-0,8	-0,9	-1,0	-1,2	-1,4	-1,6	-1,8	-2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,35	7,23	6,47	5,91	5,47	5,12	4,82	4,58	4,18	3,87	3,62	3,41	3,24
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,01	7,23	6,47	5,91	5,47	5,12	4,82	4,58	4,18	3,87	3,62	3,41	3,24
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,00	6,61	6,30	5,91	5,47	5,12	4,82	4,58	4,18	3,87	3,62	3,41	3,24
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,11	7,07	6,37	5,86	5,46	5,12	4,82	4,58	4,18	3,87	3,62	3,41	3,24
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,17	6,35	5,80	5,39	5,08	4,83	4,59	4,39	4,06	3,81	3,61	3,41	3,24
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		4,82	4,48	4,23	4,03	3,87	3,74	3,63	3,53	3,36	3,22	3,11	3,01	2,93
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,35	7,23	6,47	5,91	5,47	5,12	4,82	4,58	4,18	3,87	3,62	3,41	3,24
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,35	7,23	6,47	5,91	5,47	5,12	4,82	4,58	4,18	3,87	3,62	3,41	3,24
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,57	5,78	5,24	4,85	4,54	4,30	4,10	3,93	3,66	3,44	3,27	3,13	3,01
		60	60	60	60	60	60	60	60	60	60	60	60	60

The span widths are calculated according to the proof procedures given in EN 14509.
All loads are regarded as characteristic loads. Element dead loads have been considered in the span calculations.
Possible errors and omissions excepted. Please consider, that this table does not replace a verifiable structural design.



Panouri sandwich- SPW-S CORE PIR 100 T1/T1 0,50/0,40

System	Colour group	Characteristics downward load, e.g. snow load [kN/m ²]												
		0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,6	1,8	2,0
Single Span	I	40	40	40	40	43	46	49	52	57	61	66	70	73
		9,17	8,12	7,26	6,62	6,13	5,74	5,41	5,13	4,68	4,33	4,05	3,82	3,62
	II	40	40	40	40	43	46	49	52	57	61	66	70	73
		9,17	8,12	7,26	6,62	6,13	5,74	5,41	5,13	4,68	4,33	4,05	3,82	3,62
	III	40	40	40	40	43	46	49	52	57	61	66	70	73
		9,17	8,11	7,26	6,62	6,13	5,74	5,41	5,13	4,68	4,33	4,05	3,82	3,62
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,53	5,90	5,46	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,53	5,90	5,46	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,38	7,34	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,38	7,34	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,39	7,35	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60

System	Colour group	Characteristics uplifting load, e.g. wind suction [kN/m ²]												
		-0,3	-0,4	-0,5	-0,6	-0,7	-0,8	-0,9	-1,0	-1,2	-1,4	-1,6	-1,8	-2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,20	7,10	6,35	5,80	5,37	5,02	4,74	4,49	4,10	3,80	3,55	3,35	3,18
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,20	7,10	6,36	5,80	5,37	5,02	4,74	4,49	4,10	3,80	3,55	3,35	3,18
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,20	7,10	6,36	5,80	5,37	5,02	4,74	4,49	4,10	3,80	3,55	3,35	3,18
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,20	7,10	6,36	5,80	5,37	5,02	4,74	4,50	4,10	3,80	3,55	3,35	3,18
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,20	7,10	6,36	5,80	5,37	5,02	4,74	4,49	4,10	3,80	3,55	3,35	3,18
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,32	5,70	5,27	4,95	4,70	4,50	4,33	4,18	3,94	3,75	3,55	3,35	3,18
		60	60	60	60	60	60	60	60	60	60	60	60	60
	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,20	7,10	6,36	5,80	5,37	5,02	4,74	4,49	4,10	3,80	3,55	3,35	3,18
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,20	7,10	6,36	5,80	5,37	5,02	4,74	4,49	4,10	3,80	3,55	3,35	3,18
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,20	7,10	6,36	5,80	5,37	5,02	4,74	4,49	4,10	3,80	3,55	3,35	3,18
		60	60	60	60	60	60	60	60	60	60	60	60	60

The span widths are calculated according to the proof procedures given in EN 14509.
All loads are regarded as characteristic loads. Element dead loads have been considered in the span calculations.
Possible errors and omissions excepted. Please consider, that this table does not replace a verifiable structural design.



Panouri sandwich- SPW-S CORE PIR 100 T1/T1 0,50/0,50

System	Colour group	Characteristics downward load, e.g. snow load [kN/m ²]												
		0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,6	1,8	2,0
Single Span	I	40	40	40	40	43	46	49	52	57	61	66	70	73
		9,37	8,12	7,26	6,62	6,13	5,74	5,41	5,13	4,68	4,33	4,05	3,82	3,62
	II	40	40	40	40	43	46	49	52	57	61	66	70	73
		9,37	8,12	7,26	6,62	6,13	5,74	5,41	5,13	4,68	4,33	4,05	3,82	3,62
	III	40	40	40	40	43	46	49	52	57	61	66	70	73
		9,37	8,11	7,26	6,62	6,13	5,74	5,41	5,13	4,68	4,33	4,05	3,82	3,62
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,27	7,37	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,27	7,37	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,27	7,37	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,37	7,40	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,37	7,40	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,37	7,40	5,92	4,93	4,22	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60

System	Colour group	Characteristics uplifting load, e.g. wind suction [kN/m ²]												
		-0,3	-0,4	-0,5	-0,6	-0,7	-0,8	-0,9	-1,0	-1,2	-1,4	-1,6	-1,8	-2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,35	8,09	7,24	6,61	6,12	5,72	5,40	5,12	4,67	4,33	4,05	3,82	3,62
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,35	8,09	7,24	6,61	6,12	5,72	5,40	5,12	4,67	4,33	4,05	3,82	3,62
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,51	8,02	7,24	6,61	6,12	5,72	5,40	5,12	4,67	4,33	4,05	3,82	3,62
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,03	7,87	7,08	6,50	6,06	5,70	5,39	5,12	4,67	4,33	4,05	3,82	3,62
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,93	7,02	6,40	5,95	5,60	5,31	5,08	4,85	4,49	4,21	3,98	3,79	3,62
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,23	4,86	4,59	4,37	4,21	4,06	3,94	3,83	3,65	3,50	3,38	3,27	3,18
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,35	8,09	7,24	6,61	6,12	5,72	5,40	5,12	4,67	4,33	4,05	3,82	3,62
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,35	8,09	7,24	6,61	6,12	5,72	5,40	5,12	4,67	4,33	4,05	3,82	3,62
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,29	6,40	5,80	5,36	5,02	4,74	4,52	4,33	4,02	3,79	3,60	3,44	3,30
		60	60	60	60	60	60	60	60	60	60	60	60	60

The span widths are calculated according to the proof procedures given in EN 14509.
All loads are regarded as characteristic loads. Element dead loads have been considered in the span calculations.
Possible errors and omissions excepted. Please consider, that this table does not replace a verifiable structural design.



Panouri sandwich- SPW-S CORE PIR 120 T1/T1 0,50/0,40

System	Colour group	Characteristics downward load, e.g. snow load [kN/m ²]												
		0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,6	1,8	2,0
Single Span	I	40	40	40	44	48	51	54	57	62	67	72	76	80
		10,27	8,90	7,96	7,26	6,72	6,29	5,93	5,62	5,13	4,75	4,44	4,19	3,97
	II	40	40	40	44	48	51	54	57	62	67	72	76	80
		10,27	8,90	7,96	7,26	6,72	6,29	5,93	5,62	5,13	4,75	4,44	4,19	3,97
	III	40	40	40	44	48	51	54	57	62	67	72	76	80
		10,27	8,90	7,96	7,26	6,72	6,29	5,93	5,62	5,13	4,75	4,44	4,19	3,97
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,14	6,44	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,14	6,44	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,14	6,44	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,17	7,39	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,17	7,39	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,17	7,40	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60

System	Colour group	Characteristics uplifting load, e.g. wind suction [kN/m ²]												
		-0,3	-0,4	-0,5	-0,6	-0,7	-0,8	-0,9	-1,0	-1,2	-1,4	-1,6	-1,8	-2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,99	7,78	6,96	6,36	5,89	5,51	5,19	4,93	4,50	4,16	3,90	3,67	3,48
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,99	7,79	6,97	6,36	5,89	5,51	5,19	4,93	4,50	4,16	3,90	3,67	3,48
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,99	7,79	6,96	6,36	5,89	5,51	5,19	4,93	4,50	4,16	3,90	3,67	3,48
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,99	7,79	6,96	6,36	5,89	5,51	5,19	4,93	4,50	4,16	3,90	3,67	3,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,99	7,79	6,97	6,36	5,89	5,51	5,19	4,93	4,50	4,16	3,90	3,67	3,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		6,91	6,23	5,76	5,41	5,14	4,92	4,73	4,57	4,31	4,10	3,90	3,67	3,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,99	7,79	6,96	6,36	5,89	5,51	5,19	4,93	4,50	4,16	3,90	3,67	3,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,99	7,79	6,96	6,36	5,89	5,51	5,19	4,93	4,50	4,16	3,90	3,67	3,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,99	7,79	6,97	6,36	5,89	5,51	5,19	4,93	4,50	4,16	3,90	3,67	3,48
		60	60	60	60	60	60	60	60	60	60	60	60	60

The span widths are calculated according to the proof procedures given in EN 14509.
All loads are regarded as characteristic loads. Element dead loads have been considered in the span calculations.
Possible errors and omissions excepted. Please consider, that this table does not replace a verifiable structural design.

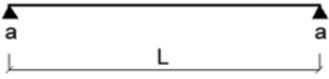
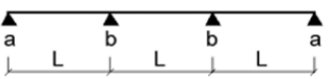


Panouri sandwich- SPW-S CORE PIR 120 T1/T1 0,50/0,50

System	Colour group	Characteristics downward load, e.g. snow load [kN/m ²]												
		0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,6	1,8	2,0
Single Span	I	40	40	40	44	48	51	54	57	62	67	72	76	80
		10,27	8,90	7,96	7,26	6,72	6,29	5,93	5,62	5,13	4,75	4,44	4,19	3,97
	II	40	40	40	44	48	51	54	57	62	67	72	76	80
		10,27	8,90	7,96	7,26	6,72	6,29	5,93	5,62	5,13	4,75	4,44	4,19	3,97
	III	40	40	40	44	48	51	54	57	62	67	72	76	80
		10,27	8,90	7,96	7,26	6,72	6,29	5,93	5,62	5,13	4,75	4,44	4,19	3,97
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,04	7,39	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,04	7,39	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,04	7,40	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,86	7,40	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,86	7,40	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,86	7,40	5,92	4,93	4,23	3,70	3,29	2,96	2,47	2,11	1,85	1,64	1,48
		60	60	60	60	60	60	60	60	60	60	60	60	60

System	Colour group	Characteristics uplifting load, e.g. wind suction [kN/m ²]												
		-0,3	-0,4	-0,5	-0,6	-0,7	-0,8	-0,9	-1,0	-1,2	-1,4	-1,6	-1,8	-2,0
Single Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		10,24	8,87	7,94	7,24	6,71	6,27	5,92	5,61	5,12	4,74	4,44	4,18	3,97
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		10,24	8,87	7,94	7,24	6,71	6,27	5,92	5,61	5,12	4,74	4,44	4,18	3,97
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,91	8,87	7,94	7,24	6,71	6,27	5,92	5,61	5,12	4,74	4,44	4,18	3,97
Double Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		9,89	8,62	7,75	7,12	6,63	6,24	5,91	5,61	5,12	4,74	4,44	4,18	3,97
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		8,68	7,68	7,00	6,51	6,12	5,81	5,55	5,30	4,91	4,60	4,36	4,15	3,97
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		5,72	5,31	5,02	4,79	4,60	4,44	4,31	4,19	3,99	3,83	3,70	3,58	3,48
		60	60	60	60	60	60	60	60	60	60	60	60	60
Triple Span	I	40	40	40	40	40	40	40	40	40	40	40	40	40
		10,24	8,87	7,94	7,24	6,71	6,27	5,92	5,61	5,12	4,74	4,44	4,18	3,97
		60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	40	40	40	40	40	40	40	40	40	40	40
		10,24	8,87	7,94	7,24	6,71	6,27	5,92	5,61	5,12	4,74	4,44	4,18	3,97
		60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	40	40	40	40	40	40	40	40	40	40	40
		7,98	7,00	6,34	5,86	5,48	5,18	4,94	4,73	4,40	4,13	3,93	3,75	3,61
		60	60	60	60	60	60	60	60	60	60	60	60	60

Panourile sandwich au fost testate în conformitate cu EN 14509, iar tabelele de încărcare au fost elaborate pe baza rezultatelor obținute; mai jos este prezentat modul de utilizare a acestora și un exemplu de aspect al tabelului și ce este inclus.

Sandwich panel - SPR CORE PIR 60 T40/T 0,50/0,50				
System	Colour group	Characteristics downward load, e.g. snow load [kN/m ²]		
			0,25	0,5
Single Span 	I	a	40	40
		L	6,01	4,54
	II	a	40	40
		L	6,01	4,54
	III	a	40	40
		L	6,01	4,54
Double Span 	I	a	40	40
		L	5,21	3,69
		b	60	60
	II	a	40	40
		L	5,21	3,69
		b	60	60
	III	a	40	40
		L	5,21	3,69
		b	60	60
Multi Span 	I	a	40	40
		L	6,04	4,25
		b	60	60
	II	a	40	40
		L	6,04	4,25
		b	60	60
	III	a	40	40
		L	6,04	4,25
		b	60	60

Tabelele de încărcare a panourilor sandwich conțin informații privind:

1. Deschiderea maximă admisibilă a panourilor, rezultată din analiza combinată a stării limită ultime (SLU) și a stării limită de serviciu admisibilă (SLS);
2. Lățimea minimă a suporturilor pentru suporturile de capăt, precum și pentru suporturile intermediare în sistemele cu mai multe deschideri;
3. Deschiderile panourilor au fost calculate pentru scheme statice cu o singură și mai multe deschideri, precum și pentru diferite grupe de culori de placare și diferite grosimi de tablă utilizate într-un anumit tip de panou sandwich, în funcție de sarcina caracteristică care acționează asupra panourilor.

Sarcinile externe presupuse care acționează asupra panourilor sandwich includ diferențele de vânt și de temperatură dintre placarea panourilor, iar în cazul panourilor de acoperiș, și din greutatea zăpezii, greutatea proprie și sarcina utilă. Sarcinile sunt distribuite uniform pe suprafața panoului.

Temperaturi de funcționare presupuse pentru placarea panourilor sandwich:

1. Temperatura interioară a camerei iarnă 20°C
2. Temperatura interioară a camerei vară 25°C
3. Temperatura exterioară iarnă -20°C.
4. Temperatura exterioară vară:

Culori foarte deschise – grupa I - 55°C

Culori deschise – grupa II - 65°C

Culori închise – grupa III - 80°C

Proprietățile placajului exterior utilizat, realizat din oțel S280GD, profil T1:

1. Rezistență la curgere $f_{Ft1} = 280 \text{ N/mm}^2$
2. Grosimea nominală a tablei $t_{nom} = 0,5 \text{ mm}$

Proprietățile placajului interior utilizat, realizat din oțel S280GD, profil T1:

1. Rezistență la curgere $f_{Ft1} = 280 \text{ N/mm}^2$
2. Grosimea nominală a tablei:
 - $t_{nom} = 0,4 \text{ mm}$
 - $t_{nom} = 0,5 \text{ mm}$

Limită de deformare:

pentru deformare maximă:

pozitivă pe termen scurt = $L/100$

negativă pe termen scurt = $L/100$

pozitivă pe termen lung = $L/100$

negativă pe termen lung = $L/100$



Modular roofing tiles
MODULAR SERIES



Compact roofing tiles
COMPACT SERIES



Steel roofing tiles
CLASSIC SERIES



Retro roof tiles
RETRO SERIES



Roof panels
PANEL SERIES



INTEGRATED
PV PANELS



Steel roof gutter system
INGURI



TRAPEZOIDAL
SHEETS



STRUCTURAL
PROFILES



FLAT METAL
SHEETS



FLASHINGS



ACCESORIES



Roof Sandwich
PANELS



Wall Sandwich
PANELS



Facade cladding
SKRIN, LINEA



Uncoiling and slitting
SERVICES



Flat sheets and cutting
SERVICES



PERFORATION
of sheets