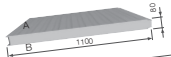


Manufacturing Programme/Load Tables

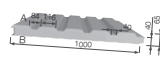
FischerTHERM LL 80 0,55/0,50



Wind pressure load in kN/m²

Colour group	0,25	0,50	0,75	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
I (R, B)	6,79	6,21	5,07	4,39	3,93	3,59	3,32	3,11	2,93	2,78	2,65	2,54	2,44	2,35
II (R, B)	7,13	5,86	5,07	4,39	3,93	3,59	3,32	3,11	2,93	2,78	2,65	2,54	2,44	2,35
III (R, B)	6,23	4,61	4,17	3,79	3,52	3,32	3,17	3,04	2,93	2,78	2,65	2,54	2,44	2,35
IV (R, B)	4,40	4,17	3,79	3,52	3,32	3,17	3,04	2,93	2,78	2,65	2,54	2,44	2,35	2,26
V (R, B)	7,70	5,59	4,67	4,13	3,76	3,49	3,38	3,11	2,93	2,78	2,65	2,54	2,44	2,35

FischerTHERM TL 65 0,55/0,50



Wind pressure load in kN/m²

Colour group	0,25	0,50	0,75	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
I (R, B)	8,07	6,60	4,98	3,93	3,49	3,16	2,89	2,67	2,50	2,35	2,22	2,10	2,00	1,91
II (R, B)	8,81	4,82	4,27	3,89	3,48	3,15	2,89	2,67	2,50	2,35	2,22	2,10	2,00	1,91
III (R, B)	6,69	5,12	4,42	3,93	3,49	3,15	2,75	2,44	2,20	2,00	1,83	1,70	1,58	1,49
IV (R, B)	8,07	5,65	4,98	3,93	3,49	3,15	2,75	2,44	2,20	2,00	1,83	1,70	1,58	1,49

FischerTHERM plus SL 60 0,63/0,63 (concealed fastening)



Wind suction load, taking account of concealed fastening

Colour group	-0,25	-0,50	-0,75	-1,00	-1,25	-1,50	-1,75	-2,00	-2,25	-2,50	-2,75	-3,00	-3,25	-3,50	-3,75	-4,00	-4,25	-4,50	-4,75	-5,00
I (R, B)	19,12	9,56	6,37	4,78	3,62	3,19	2,73	2,39	2,12	1,91	1,74	1,59	1,47	1,37	1,28	1,20	1,12	1,06	1,01	0,96
II (R, B)	13,89	9,04	6,08	4,61	3,73	3,14	2,68	2,27	1,96	1,73	1,55	1,41	1,30	1,20	1,12	1,05	0,99	0,93	0,89	0,84
III (R, B)	11,80	9,04	6,08	4,61	3,73	3,14	2,68	2,27	1,96	1,73	1,55	1,41	1,30	1,20	1,12	1,05	0,99	0,93	0,89	0,84
IV (R, B)	2,91	2,91	2,91	2,91	2,91	2,91	2,68	2,27	1,96	1,73	1,55	1,41	1,30	1,20	1,12	1,05	0,99	0,93	0,89	0,84
V (R, B)	19,60	10,22	6,82	5,12	4,07	3,26	2,69	2,26	1,94	1,69	1,50	1,34	1,22	1,12	1,04	0,97	0,91	0,86	0,82	0,78
VI (R, B)	3,30	3,30	3,30	3,30	3,30	3,26	2,69	2,26	1,94	1,69	1,50	1,34	1,22	1,12	1,04	0,97	0,91	0,86	0,82	0,78

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

Technical information
Date: 8.2009

FischerTHERM

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FischerTHERM – Product Range

Wall cladding elements

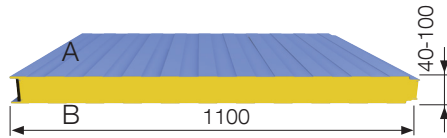
FischerTHERM^{1)*}

LL 40

LL 60

LL 80

LL 100

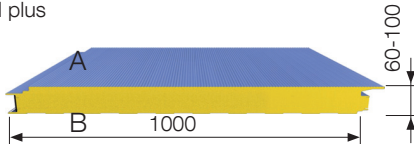


FischerTHERM plus

SL/ML 60

SL/ML 80

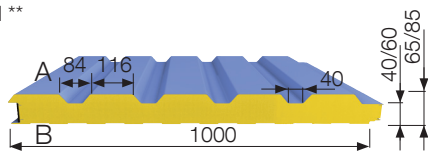
SL /ML 100



FischerTHERM **

TL 65

TL 85



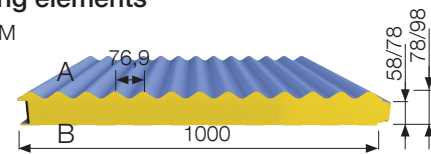
A = inner skin B = outer skin

Wall cladding elements

FischerTHERM

WL 80

WL 100



Roof elements

FischerTHERM

DL 70

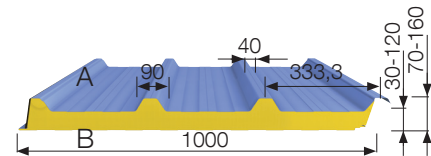
DL 80

DL 100

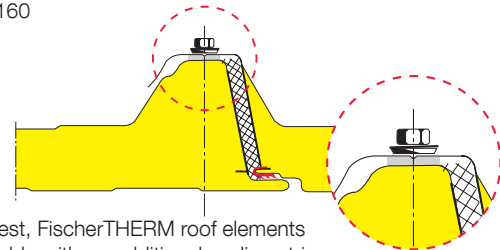
DL 120

DL 140

DL 160



new



On request, FischerTHERM roof elements are available with an additional sealing strip in the longitudinal joint.

¹⁾ Other combinations of surface designs see brochure FischerTHERM page 7.

* From 1000 m² also available in 1000 mm construction width. Please enquire about coating/colour.
** Trapezoidally profiled outer skin available in construction width of 800 mm.

Panel Type	sheet thickness t [mm] outerskin ta [mm] innerskin ti [mm]		panel gauge d [mm]	panel length max. L [m]	panel weight g [kg/m²]	heat trans- mission coefficient U [W/(m²K)]	heat trans- mission resistance R [m² K/W]
FischerTHERM							
LL40	0,55	0,50	40	12 ^{1.)}	10,4	0,58	1,56
LL60			60	16 ^{1.)}	11,2	0,39	2,36
LL 80			80	16 ^{1.)}	12,0	0,30	3,16
LL100			100	16 ^{1.)}	12,8	0,24	3,96
FischerTHERM plus							
SL 60/ML 60	0,63	0,50	60	16 ^{1.)}	12,7	0,39	2,36
		0,63 ^{2.)}			13,8		
		0,75 ^{2.)}			14,8		
SL 80/ML 80	0,63	0,50	80	16 ^{1.)}	13,5	0,30	3,16
		0,63 ^{2.)}			14,6		
		0,75 ^{2.)}			15,6		
SL 100/ML 100	0,63	0,50	100	16 ^{1.)}	14,3	0,24	3,96
		0,63 ^{2.)}			15,4		
		0,75 ^{2.)}			16,4		
FischerTHERM							
TL 65	0,55	0,50	65	16 ^{1.)}	11,8	0,45	2,05
TL 85			85		12,4	0,33	2,85
FischerTHERM							
WL 80	0,63	0,50	78	16 ^{1.)}	13,3	0,36	2,60
		0,63 ^{2.)}			14,4		
		0,75 ^{2.)}			15,5		
WL 100	0,63	0,50	98	16 ^{1.)}	14,1	0,28	3,40
		0,63 ^{2.)}			15,2		
		0,75 ^{2.)}			16,3		
FischerTHERM							
DL 70	0,55	0,45	70	26 ^{1.)}	10,5	0,69	1,28
DL 80			80		10,9	0,54	1,68
DL 100			100		11,7	0,38	2,48
DL 120			120		12,5	0,29	3,28
DL 140			140		13,4	0,23	4,08
DL 160			160		13,9	0,20	4,88

¹⁾ recommended max. length

²⁾ available on request

**FischerTHERM
Manufacturing Programme**

Technical information

Date: 8.2009

Colour group Temperature $\delta \alpha$ °C Brightness values H %			I 55 90 - 75	II 65 74 - 40	III 80 39 - 8
COLORCOAT HPS 200 (200 µm)					
Colour no.		H			
Terracotta	04D44	33			●
Copper brown	04C39	41		●	
Ocean blue	18C39	39			●
White	00E55	94	●		
Vandyke Brown	08B29	33			●
Goosewing Grey	10A05	72		●	
Blue-grey	18B25	47		●	
Grey White	RAL 9002 *	86	●		
Leaf Green	RAL 6002 *	33			●
Polyester SP (25 µm)					
Colour	RAL	H			
Sand Yellow	1002	68		●	
Light Ivory	1015	81	●		
Fire Red	3000 *	39			●
Brilliant Blue	5007 *	33			●
Azure	5009 *	28			●
Gention Blue	5010 *	24			●
Olive Green	6003 *	22			●
Moorland Green	6005	21			●
Reseda Green	6011	43		●	
Anthracite	7016 *	21			●
Pebbly Grey	7032	67		●	
Light Grey	7035 *	75	●	●	
Dust Grey	7037	40		●	
Copper	8004	35			●
Nut Brown	8011	22			●
Reddish Brown	8012 *	21			●
Cream	9001 *	84	●		
Grey White	9002 *	86	●		
White Aluminium	9006 *	62		●	
Grey Aluminium	9007 *	52		●	
Pure White	9010 *	90	●		

* Colour only similar to RAL

FischerTHERM
Colour groups

Technical information

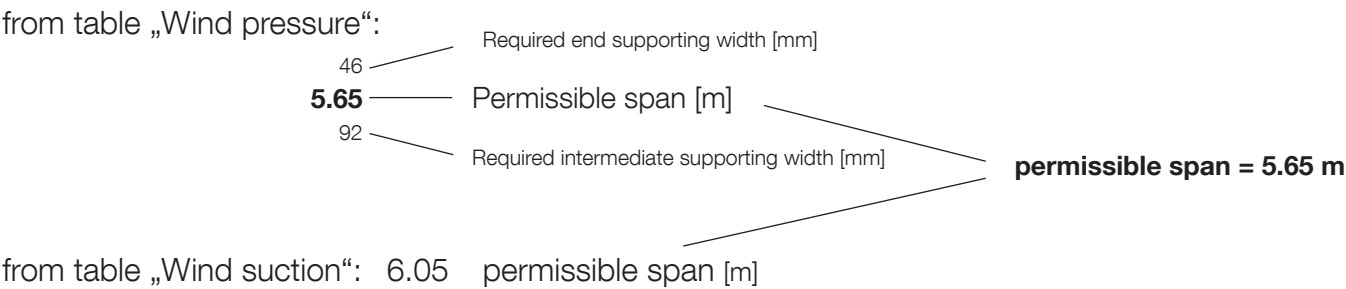
Date 8.2009

INFORMATION ON WALL ELEMENT TABLES

When using the tables, please note:

- The characteristic loads should be determined according to the applicable regulations (e.g. DIN standards, Eurocodes).
- The minimum span for the actual application should be selected from the two tables (i.e. wind pressure and wind suction).
- For two- and three-span girders, only approximately equal span ratios are permissible (approx. $1.0 \leq \min. l/\max. l \leq 0.8$).
- For colour groups I (very light), II (light) and III (dark), see approval, appendix A, para. 3.4.2.
- The table of spans applies to buildings with normal indoor conditions (e.g. no cold stores, deep-freeze stores or ripening chambers).
- Permissible spans are quoted in meters [m]. For the required supporting widths, see also the example below.
- Maximum deflection is $l/100$ under most unfavourable conditions, please refer to approval, appendix A, para. 7.6 (additional line for colour group marked with (f) and highlighted in grey).
- The quoted spans apply to multi-span girders with a maximum of 3 screws per intermediate support line and meter. For more than 3 screws per meter, the crease stress as defined in the approval must be checked.
- Structural analyses for fasteners (screw head deflection and anchoring against wind suction) are to be provided on a case by case basis.
- Special information on strength, design parameters and their supervision should be taken from the structural analysis for the type concerned.
- The data is based on approval no. Z-10.4-179 dated November 15, 2006.

EXAMPLE



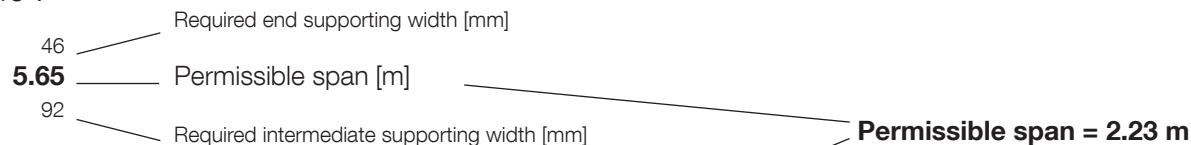
INFORMATION ON FischerTHERM PLUS WALL ELEMENT TABLES (with concealed fastening)

When using the tables, please note:

- The characteristic loads should be determined according to the applicable regulations (e.g., DIN standards, Eurocodes).
- The minimum span for the actual application should be selected from the three tables (i.e., wind pressure, wind suction and wind suction in the case of concealed fastening). The first two tables apply to loads on the element and the third table applies to loads on the fasteners.
- For colour groups I (very light), II (light) and III (dark), see approval, appendix A, para. 3.4.2.
- The table of spans applies to buildings with normal indoor conditions (e.g. no cold stores, deep-freeze stores or ripening chambers).
- Permissible spans are quoted in meters [m]. For the required support widths and the fastening method, see also the example below.
- Maximum deflection is $l/100$ under most unfavourable conditions, please refer to approval, appendix A, para. 7.6 (additional line for colour group marked with (f) and highlighted in grey).
- The values quoted in the tables are optimised for maximum single spans. For other systems, e.g. smaller spans etc., other fastening methods may be sufficient, or additional direct fastening may be needed. These should be determined on a case by case basis.
- For other structural systems, e.g., unequal spans, cantilevers, etc. or other loads, the individual case must be analysed.
- Transfer of wind uplift forces into the substructure (pulling out) must be subject to an individual structural analysis.
- The fastening variants comply with the provisions of approval no. Z-10.4-179 dated November 15, 2006, appendix B, sheet 2.02 and only apply in connection with the quoted fasteners and edge distances.
- Special information on strength, design parameters and their supervision should be taken from the structural analysis for the type concerned.

EXAMPLE WITH CONCEALED FASTENING

from table „Wind pressure“:



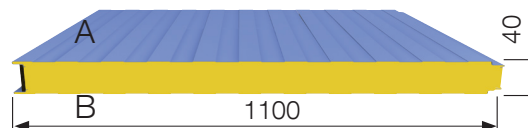
aus Tab. Windsog:

from table „Wind suction“ :
with concealed fastening

6.05 Permissible span [m]

2.23 Permissible span [m]

FischerTHERM LL 40 0,55/0,50



Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	40 6.53	40 4.62	40 3.77	42 3.27	46 2.92	51 2.67	55 2.47	59 2.30	58 2.04	59 1.84	58 1.67	58 1.53	58 1.41	58 1.31	58 1.22	58 1.14	58 1.08	58 1.02	59 0.97	59 0.93
	I. II. III(f)	40 4.08	40 3.40	40 3.01	40 2.73	40 2.52	45 2.36	49 2.22	53 2.10	57 2.00	59 1.84	58 1.67	58 1.53	58 1.41	58 1.31	58 1.22	58 1.14	58 1.08	58 1.02	59 0.97	59 0.93
Two-span	I. II(f)	40 4.97	40 3.73	40 3.19	40 2.86	42 2.64	47 2.48	52 2.35	57 2.25	58 2.04	58 1.83	58 1.67	58 1.53	58 1.41	58 1.31	58 1.22	58 1.14	58 1.08	58 1.02	59 0.97	59 0.92
	III(f)	40 4.48	40 3.73	40 3.19	40 2.86	42 2.64	47 2.48	52 2.35	57 2.25	58 2.04	58 1.83	58 1.67	58 1.53	58 1.41	58 1.31	58 1.22	58 1.14	58 1.08	58 1.02	59 0.97	59 0.92
Three-span	I. II	40 6.12	40 4.40	40 3.64	41 3.20	46 2.90	51 2.67	55 2.47	58 2.29	58 2.04	58 1.83	58 1.67	58 1.53	58 1.41	58 1.31	58 1.22	58 1.14	58 1.08	58 1.02	59 0.97	59 0.92
	I. II (f)	40 5.97	40 4.40	40 3.64	41 3.20	46 2.90	51 2.67	55 2.47	58 2.29	58 2.04	58 1.83	58 1.67	58 1.53	58 1.41	58 1.31	58 1.22	58 1.14	58 1.08	58 1.02	59 0.97	59 0.92
	III	40 6.12	40 4.40	40 3.64	41 3.20	46 2.90	51 2.67	55 2.47	58 2.29	58 2.04	58 1.83	58 1.67	58 1.53	58 1.41	58 1.31	58 1.22	58 1.14	58 1.08	58 1.02	59 0.97	59 0.92
	III (f)	40 5.97	40 4.40	40 3.64	41 3.20	46 2.90	51 2.67	55 2.47	58 2.29	58 2.04	58 1.83	58 1.67	58 1.53	58 1.41	58 1.31	58 1.22	58 1.14	58 1.08	58 1.02	59 0.97	59 0.92

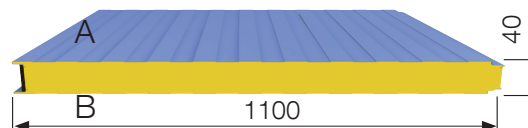
The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM LL 40 Wind pressure load table

Technical information

Date: 11.2009

FischerTHERM LL 40 0,55/0,50

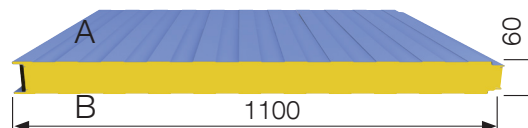


Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I, II, III	6.20	4.39	3.58	3.10	2.78	2.53	2.34	2.19	2.04	1.84	1.67	1.53	1.41	1.31	1.22	1.14	1.08	1.02	0.97	0.92
	I, II (f)	4.56	3.90	3.50	3.10	2.78	2.53	2.34	2.19	2.04	1.84	1.67	1.53	1.41	1.31	1.22	1.14	1.08	1.02	0.97	0.92
	III (f)	3.82	3.38	3.10	2.88	2.71	2.53	2.34	2.19	2.04	1.84	1.67	1.53	1.41	1.31	1.22	1.14	1.08	1.02	0.97	0.92
Two-span	I(f)	6.20	4.39	3.58	3.10	2.78	2.53	2.34	2.19	2.04	1.83	1.67	1.53	1.41	1.31	1.22	1.14	1.08	1.02	0.97	0.92
	II (f)	5.73	4.30	3.58	3.10	2.78	2.53	2.34	2.19	2.04	1.83	1.67	1.53	1.41	1.31	1.22	1.14	1.08	1.02	0.97	0.92
	III (f)	3.75	3.12	2.80	2.60	2.46	2.34	2.25	2.17	2.04	1.83	1.67	1.53	1.41	1.31	1.22	1.14	1.08	1.02	0.97	0.92
Three-span	I, II (f)	6.20	4.39	3.58	3.10	2.78	2.53	2.34	2.19	2.04	1.83	1.67	1.53	1.41	1.31	1.22	1.14	1.08	1.02	0.97	0.92
	III (f)	5.38	3.96	3.34	2.98	2.73	2.53	2.34	2.19	2.04	1.83	1.67	1.53	1.41	1.31	1.22	1.14	1.08	1.02	0.97	0.92

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM LL 60 0,55/0,50

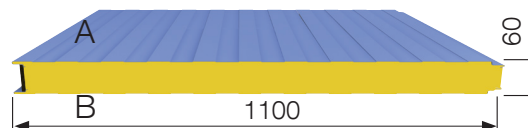


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	40 7.40	40 5.23	40 4.27	40 3.70	42 3.31	46 3.02	50 2.80	53 2.62	57 2.47	60 2.34	62 2.23	65 2.14	68 2.05	71 1.98	71 1.85	71 1.74	70 1.63	71 1.54	71 1.46	71 1.39
	I. II. III (f)	40 5.69	40 4.71	40 4.16	40 3.70	42 3.31	46 3.02	50 2.80	53 2.62	57 2.47	60 2.34	62 2.23	65 2.14	68 2.05	71 1.98	71 1.85	71 1.74	70 1.63	71 1.54	71 1.46	71 1.39
Two-span	I. II (f)	40 4.99	40 3.88	40 3.38	40 3.08	40 2.87	41 2.71	46 2.58	50 2.48	55 2.40	59 2.32	62 2.23	65 2.14	68 2.05	71 1.98	71 1.85	71 1.73	70 1.63	71 1.54	71 1.46	71 1.39
		60	60	60	67	76	84	92	101	110	118	125	131	136	141	141	141	141	141	141	141
	III (f)	40 3.15	40 3.15	40 3.15	40 3.08	40 2.87	41 2.71	46 2.58	50 2.48	55 2.40	59 2.32	62 2.23	65 2.14	68 2.05	71 1.98	71 1.85	71 1.73	70 1.63	71 1.54	71 1.46	71 1.39
		60	60	60	67	76	84	92	101	110	118	125	131	136	141	141	141	141	141	141	141
Three-span	I. II. III (f)	40 6.27	40 4.56	40 3.81	40 3.37	40 3.08	44 2.86	48 2.69	52 2.55	56 2.44	60 2.34	62 2.23	65 2.14	68 2.05	71 1.98	71 1.85	70 1.73	70 1.63	71 1.54	71 1.46	71 1.39
		60	60	60	69	78	87	96	104	112	119	125	131	136	141	141	141	141	141	141	141

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM LL 60 0,55/0,50

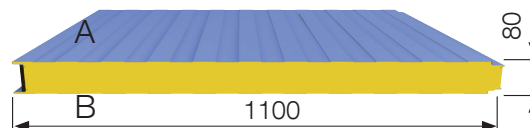


Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I (f)	7.02	4.97	4.06	3.51	3.14	2.87	2.66	2.48	2.34	2.22	2.12	2.03	1.95	1.88	1.81	1.74	1.63	1.54	1.46	1.39
	II (f)	6.42	4.97	4.06	3.51	3.14	2.87	2.66	2.48	2.34	2.22	2.12	2.03	1.95	1.88	1.81	1.74	1.63	1.54	1.46	1.39
	III (f)	5.50	4.80	4.06	3.51	3.14	2.87	2.66	2.48	2.34	2.22	2.12	2.03	1.95	1.88	1.81	1.74	1.63	1.54	1.46	1.39
Two-span	I (f)	7.02	4.97	4.06	3.51	3.14	2.87	2.66	2.48	2.34	2.22	2.12	2.03	1.95	1.88	1.81	1.73	1.63	1.54	1.46	1.39
	II (f)	5.56	4.35	3.80	3.47	3.14	2.87	2.66	2.48	2.34	2.22	2.12	2.03	1.95	1.88	1.81	1.73	1.63	1.54	1.46	1.39
	III (f)	3.15	3.03	2.82	2.68	2.56	2.48	2.40	2.33	2.28	2.22	2.12	2.03	1.95	1.88	1.81	1.73	1.63	1.54	1.46	1.39
Three-span	I, II (f)	7.02	4.97	4.06	3.51	3.14	2.87	2.66	2.48	2.34	2.22	2.12	2.03	1.95	1.88	1.81	1.73	1.63	1.54	1.46	1.39
	III (f)	4.50	3.56	3.12	2.86	2.67	2.53	2.42	2.32	2.25	2.18	2.12	2.03	1.95	1.88	1.81	1.73	1.63	1.54	1.46	1.39

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM LL 80 0,55/0,50

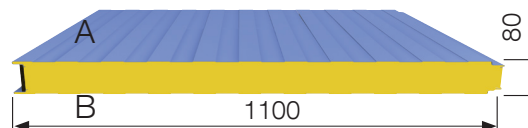


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴⁰ 8.79	⁴⁰ 6.21	⁴⁰ 5.07	⁴⁵ 4.39	⁵⁰ 3.93	⁵⁵ 3.59	⁵⁹ 3.32	⁶³ 3.11	⁶⁷ 2.93	⁷¹ 2.78	⁷⁴ 2.65	⁷⁸ 2.54	⁸¹ 2.44	⁸⁴ 2.35	⁸⁷ 2.27	⁸⁷ 2.13	⁸⁶ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁶ 1.70
	I. II. III (f)	⁴⁰ 7.13	⁴⁰ 5.86	⁴⁰ 5.07	⁴⁵ 4.39	⁵⁰ 3.93	⁵⁵ 3.59	⁵⁹ 3.32	⁶³ 3.11	⁶⁷ 2.93	⁷¹ 2.78	⁷⁴ 2.65	⁷⁸ 2.54	⁸¹ 2.44	⁸⁴ 2.35	⁸⁷ 2.27	⁸⁷ 2.13	⁸⁶ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁶ 1.70
Two-span	I. II (f)	⁴⁰ 6.23	⁴⁰ 4.81	⁴⁰ 4.17	⁴⁰ 3.79	⁴⁵ 3.52	⁵¹ 3.32	⁵⁶ 3.17	⁶² 3.04	⁶⁷ 2.93	⁷¹ 2.78	⁷⁴ 2.65	⁷⁸ 2.54	⁸¹ 2.44	⁸⁴ 2.35	⁸⁷ 2.27	⁸⁷ 2.13	⁸⁶ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁶ 1.70
	III (f)	⁴⁰ 4.40	⁴⁰ 4.40	⁴⁰ 4.17	⁴⁰ 3.79	⁴⁵ 3.52	⁵¹ 3.32	⁵⁶ 3.17	⁶² 3.04	⁶⁷ 2.93	⁷¹ 2.78	⁷⁴ 2.65	⁷⁸ 2.54	⁸¹ 2.44	⁸⁴ 2.35	⁸⁷ 2.27	⁸⁷ 2.13	⁸⁶ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁶ 1.70
Three-span	I. II. III (f)	⁴⁰ 7.70	⁴⁰ 5.59	⁴⁰ 4.67	⁴² 4.13	⁴⁸ 3.76	⁵³ 3.49	⁵⁸ 3.28	⁶³ 3.11	⁶⁷ 2.93	⁷¹ 2.78	⁷⁴ 2.65	⁷⁸ 2.54	⁸¹ 2.44	⁸⁴ 2.35	⁸⁷ 2.27	⁸⁷ 2.13	⁸⁶ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁶ 1.70

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM LL 80 0,55/0,50

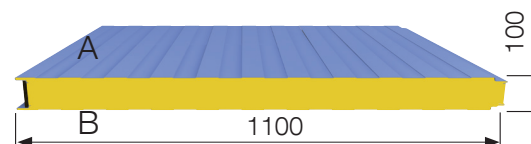


Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I, II, III	8.35	5.90	4.82	4.17	3.73	3.41	3.16	2.95	2.78	2.64	2.52	2.41	2.32	2.23	2.16	2.09	2.00	1.89	1.79	1.70
	I (f)	8.35	5.90	4.82	4.17	3.73	3.41	3.16	2.95	2.78	2.64	2.52	2.41	2.32	2.23	2.16	2.09	2.00	1.89	1.79	1.70
	II (f)	8.09	5.90	4.82	4.17	3.73	3.41	3.16	2.95	2.78	2.64	2.52	2.41	2.32	2.23	2.16	2.09	2.00	1.89	1.79	1.70
	III (f)	7.03	5.90	4.82	4.17	3.73	3.41	3.16	2.95	2.78	2.64	2.52	2.41	2.32	2.23	2.16	2.09	2.00	1.89	1.79	1.70
Two-span	I (f)	8.35	5.90	4.82	4.17	3.73	3.41	3.16	2.95	2.78	2.64	2.52	2.41	2.32	2.23	2.16	2.09	2.00	1.89	1.79	1.70
	II (f)	7.08	5.47	4.74	4.17	3.73	3.41	3.16	2.95	2.78	2.64	2.52	2.41	2.32	2.23	2.16	2.09	2.00	1.89	1.79	1.70
	III (f)	4.40	3.92	3.60	3.39	3.23	3.10	3.00	2.91	2.78	2.64	2.52	2.41	2.32	2.23	2.16	2.09	2.00	1.89	1.79	1.70
Three-span	I, II (f)	8.35	5.90	4.82	4.17	3.73	3.41	3.16	2.95	2.78	2.64	2.52	2.41	2.32	2.23	2.16	2.09	2.00	1.89	1.79	1.70
	III (f)	6.08	4.68	4.05	3.67	3.41	3.21	3.06	2.93	2.78	2.64	2.52	2.41	2.32	2.23	2.16	2.09	2.00	1.89	1.79	1.70

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM LL 100 0,55/0,50

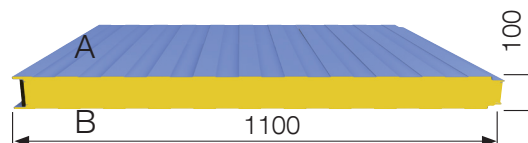


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I, II, III	40 8.77	40 6.20	43 5.06	50 4.39	55 3.92	61 3.58	66 3.32	70 3.10	74 2.92	78 2.77	82 2.64	86 2.53	89 2.43	93 2.34	96 2.26	99 2.19	102 2.13	105 2.07	108 2.01	110 1.94
	I, II, III(f)	40 8.48	40 6.20	43 5.06	50 4.39	55 3.92	61 3.58	66 3.32	70 3.10	74 2.92	78 2.77	82 2.64	86 2.53	89 2.43	93 2.34	96 2.26	99 2.19	102 2.13	105 2.07	108 2.01	110 1.94
Two-span	I, II (f)	40 5.25	40 4.32	40 3.87	40 3.58	48 3.37	54 3.21	61 3.08	67 2.98	74 2.89	78 2.77	82 2.64	86 2.53	89 2.43	93 2.34	96 2.26	99 2.19	102 2.13	105 2.07	108 2.01	110 1.94
	III (f)	40 3.22	40 3.22	40 3.22	40 3.22	48 3.22	54 3.21	61 3.08	67 2.98	74 2.89	78 2.77	82 2.64	86 2.53	89 2.43	93 2.34	96 2.26	99 2.19	102 2.13	105 2.07	108 2.01	110 1.94
Three-span	I, II (f)	40 6.46	40 4.85	40 4.14	42 3.72	49 3.44	55 3.22	61 3.06	66 2.92	71 2.81	77 2.71	82 2.63	86 2.53	89 2.43	93 2.34	96 2.26	99 2.19	102 2.13	105 2.07	108 2.01	110 1.94
	III (f)	40 3.10	40 3.10	40 3.10	40 3.10	44 3.10	53 3.10	61 3.06	66 2.92	71 2.81	77 2.71	82 2.63	86 2.53	89 2.43	93 2.34	96 2.26	99 2.19	102 2.13	105 2.07	108 2.01	110 1.94

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM LL 100 0,55/0,50

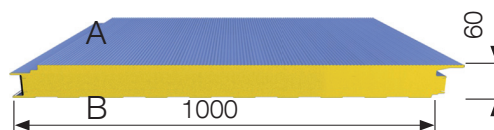


Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I, II, III(f)	8.33	5.89	4.81	4.16	3.73	3.40	3.15	2.94	2.78	2.63	2.51	2.40	2.31	2.23	2.15	2.08	2.02	1.96	1.91	1.86
Two-span	I (f)	7.65	5.89	4.81	4.16	3.73	3.40	3.15	2.94	2.78	2.63	2.51	2.40	2.31	2.23	2.15	2.08	2.02	1.96	1.91	1.86
	II (f)	5.51	4.64	4.20	3.91	3.70	3.40	3.15	2.94	2.78	2.63	2.51	2.40	2.31	2.23	2.15	2.08	2.02	1.96	1.91	1.86
	III (f)	3.22	3.22	3.16	3.04	2.95	2.87	2.80	2.74	2.69	2.63	2.51	2.40	2.31	2.23	2.15	2.08	2.02	1.96	1.91	1.86
Three-span	I (f)	8.33	5.89	4.81	4.16	3.73	3.40	3.15	2.94	2.78	2.63	2.51	2.40	2.31	2.23	2.15	2.08	2.02	1.96	1.91	1.86
	II (f)	7.16	5.40	4.63	4.16	3.73	3.40	3.15	2.94	2.78	2.63	2.51	2.40	2.31	2.23	2.15	2.08	2.02	1.96	1.91	1.86
	III (f)	3.10	3.10	3.06	2.90	2.78	2.68	2.60	2.53	2.47	2.42	2.37	2.32	2.28	2.23	2.15	2.08	2.02	1.96	1.91	1.86

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM plus SL 60 0,63/0,50

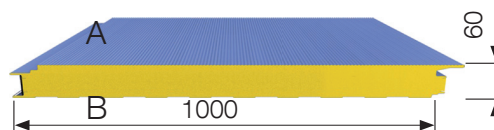


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴⁰ 7.81	⁴⁰ 5.53	⁴⁰ 4.51	⁴⁰ 3.91	⁴⁵ 3.50	⁴⁹ 3.19	⁵³ 2.95	⁵⁶ 2.76	⁶⁰ 2.60	⁶³ 2.47	⁶⁶ 2.36	⁶⁹ 2.26	⁷¹ 2.14	⁷¹ 1.98	⁷¹ 1.85	⁷¹ 1.74	⁷¹ 1.64	⁷¹ 1.54	⁷¹ 1.46	⁷¹ 1.39
	I. II. III (f)	⁴⁰ 5.77	⁴⁰ 4.78	⁴⁰ 4.22	⁴⁰ 3.84	⁴⁵ 3.50	⁴⁹ 3.19	⁵³ 2.95	⁵⁶ 2.76	⁶⁰ 2.60	⁶³ 2.47	⁶⁶ 2.36	⁶⁹ 2.26	⁷¹ 2.14	⁷¹ 1.98	⁷¹ 1.85	⁷¹ 1.74	⁷¹ 1.64	⁷¹ 1.54	⁷¹ 1.46	⁷¹ 1.39
Two-span	I. II (f)	⁴⁰ 4.70	⁴⁰ 3.73	⁴⁰ 3.28	⁴⁰ 3.01	⁴⁰ 2.81	⁴¹ 2.67	⁴⁵ 2.55	⁵⁰ 2.45	⁵⁴ 2.37	⁵⁹ 2.30	⁶³ 2.24	⁶⁷ 2.19	⁷¹ 2.14	⁷¹ 1.98	⁷¹ 1.85	⁷¹ 1.74	⁷¹ 1.63	⁷¹ 1.54	⁷¹ 1.46	⁷¹ 1.39
	III (f)	⁴⁰ 3.60	⁴⁰ 3.60	⁴⁰ 3.28	⁴⁰ 3.01	⁴⁰ 2.81	⁴¹ 2.67	⁴⁵ 2.55	⁵⁰ 2.45	⁵⁴ 2.37	⁵⁹ 2.30	⁶³ 2.24	⁶⁷ 2.19	⁷¹ 2.14	⁷¹ 1.98	⁷¹ 1.85	⁷¹ 1.74	⁷¹ 1.63	⁷¹ 1.54	⁷¹ 1.46	⁷¹ 1.39
Three-span	I. II. III (f)	⁴⁰ 5.95	⁴⁰ 4.36	⁴⁰ 3.66	⁴⁰ 3.26	⁴² 2.98	⁴⁷ 2.78	⁵¹ 2.62	⁵⁴ 2.49	⁵⁹ 2.38	⁶² 2.30	⁶⁶ 2.22	⁶⁹ 2.15	⁷¹ 2.09	⁷¹ 1.98	⁷¹ 1.85	⁷¹ 1.74	⁷¹ 1.63	⁷¹ 1.54	⁷¹ 1.46	⁷¹ 1.39
		⁶⁰	⁶⁰	⁶⁰	⁶⁶	⁷⁶	⁸⁵	⁹³	¹⁰¹	¹⁰⁹	¹¹⁷	¹²⁴	¹³¹	¹³⁸	¹⁴¹	¹⁴¹	¹⁴²	¹⁴¹	¹⁴¹	¹⁴¹	¹⁴¹

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM plus SL 60 0,63/0,50 (concealed fastening)



Wind suction load, taking account of concealed fastening

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I, II, III (f)	a 7.03	c 4.97	c 4.06	c 3.51	d 3.14	d 2.87	d 2.66	d 2.39	d 2.12	d 1.91	d 1.74	d 1.59	d 1.47	d 1.37	d 1.28	d 1.20	d 1.12	d 1.06	d 1.01	d 0.96
Two-span	I (f)	a 7.03	c 4.97	c 4.06	c 3.51	d 3.14	d 2.87	d 2.66	d 2.35	d 2.03	d 1.78	d 1.60	d 1.44	d 1.32	d 1.22	d 1.14	d 1.06	d 1.00	d 0.94	d 0.90	d 0.85
		b c	c c	c c	c c	c c	c c	d c	d c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	
	II (f)	a 6.13	c 4.74	c 4.06	c 3.51	d 3.14	d 2.87	d 2.66	d 2.35	d 2.03	d 1.78	d 1.60	d 1.44	d 1.32	d 1.22	d 1.14	d 1.06	d 1.00	d 0.94	d 0.90	d 0.85
		b c	c c	c c	c c	c c	c c	d c	d c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c
	III (f)	a 3.60	b 3.33	c 3.08	c 2.90	c 2.77	d 2.66	d 2.58	d 2.35	d 2.03	d 1.78	d 1.60	d 1.44	d 1.32	d 1.22	d 1.14	d 1.06	d 1.00	d 0.94	d 0.90	d 0.85
		a b	b c	c c	c c	c c	c c	c c	d c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c
Three-span	I, II (f)	a 7.03	c 4.97	c 4.06	c 3.51	d 3.14	d 2.87	d 2.66	d 2.35	d 2.02	d 1.76	d 1.56	d 1.40	d 1.27	d 1.16	d 1.07	d 1.00	d 0.94	d 0.88	d 0.83	d 0.79
		b c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c
	III (f)	a 5.20	c 4.01	c 3.48	d 3.16	d 2.94	d 2.77	d 2.64	d 2.35	d 2.02	d 1.76	d 1.56	d 1.40	d 1.27	d 1.16	d 1.07	d 1.00	d 0.94	d 0.88	d 0.83	d 0.79
		a b	b c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

Caption for fastening methods:

a = concealed fastening with
b = concealed fastening with
c = concealed fastening with
d = concealed fastening with

one screw and
two screws and
one screw and
two screws and

washer Ø 19
washers Ø 19
load distributor
load distributors

per fastening point (see approval, appendix B, sheet 2.02, item 1)
per fastening point (see approval, appendix B, sheet 2.02, item 1)
per fastening point (see approval, appendix B, sheet 2.02, item 2)
per fastening point (see approval, appendix B, sheet 2.02, item 2)

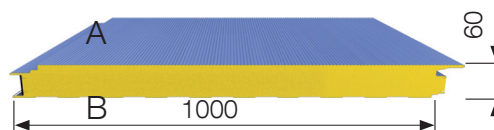
Ripping out of the supporting structure is subject to an individual structural analysis.

FischerTHERM plus SL 60 Wind suction load table

Technical information

Date: 11.2009

FischerTHERM plus SL 60 0,63/0,63

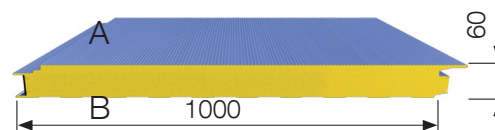


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	40 7.66	40 5.47	40 4.48	40 3.89	45 3.48	49 3.18	53 2.94	57 2.75	60 2.60	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.85	71 1.73	71 1.63	71 1.54	71 1.46	71 1.38
	I. II. III (f)	40 5.86	40 4.88	40 4.32	40 3.89	45 3.48	49 3.18	53 2.94	57 2.75	60 2.60	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.85	71 1.73	71 1.63	71 1.54	71 1.46	71 1.38
Two-span	I. II (f)	40 5.49	40 4.30	40 3.75	40 3.42	41 3.18	47 3.01	52 2.87	57 2.75	60 2.60	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.84	71 1.73	71 1.63	71 1.54	71 1.46	71 1.38
	III (f)	40 2.91	40 2.91	40 2.91	40 2.91	40 2.91	45 2.91	52 2.87	57 2.75	60 2.60	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.84	71 1.73	71 1.63	71 1.54	71 1.46	71 1.38
Three-span	I. II (f)	40 6.86	40 5.04	40 4.22	40 3.74	44 3.41	49 3.17	53 2.94	57 2.75	60 2.60	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.84	71 1.73	71 1.63	71 1.54	71 1.46	71 1.38
	III (f)	40 3.30	40 3.30	40 3.30	40 3.30	43 3.30	49 3.17	53 2.94	57 2.75	60 2.60	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.84	71 1.73	71 1.63	71 1.54	71 1.46	71 1.38

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM plus SL 60 0,63/0,63 (concealed fastening)



Wind suction load, taking account of concealed fastening

Structural System	Colour group	Wind suction in kN/m ²																			
Single-span	I, II, III (f)	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		19.12	9.56	6.37	4.78	3.82	3.19	2.73	2.39	2.12	1.91	1.74	1.59	1.47	1.37	1.28	1.20	1.12	1.06	1.01	0.96
Two-span	I (f)	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		13.80	9.04	6.08	4.61	3.73	3.14	2.68	2.27	1.96	1.73	1.55	1.41	1.30	1.20	1.12	1.05	0.99	0.93	0.89	0.84
	C	B	D	D	D	D	D	D	C	C	C	C	C	C	C	C	C	C	C	C	
	II (f)	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		11.80	9.04	6.08	4.61	3.73	3.14	2.68	2.27	1.96	1.73	1.55	1.41	1.30	1.20	1.12	1.05	0.99	0.93	0.89	0.84
	C	D	D	D	D	D	D	D	C	C	C	C	C	C	C	C	C	C	C	C	C
III (f)	A	B	C	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
	2.91	2.91	2.91	2.91	2.91	2.91	2.68	2.27	1.96	1.73	1.55	1.41	1.30	1.20	1.12	1.05	0.99	0.93	0.89	0.84	
C	B	B	C	C	C	C	D	C	C	C	C	C	C	C	C	C	C	C	C	C	
Three-span	I, II (f)	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		19.60	10.22	6.82	5.12	4.07	3.26	2.69	2.26	1.94	1.69	1.50	1.34	1.22	1.12	1.04	0.97	0.91	0.86	0.82	0.78
C	D	D	D	D	D	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
III (f)	A	B	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
	3.30	3.30	3.30	3.30	3.30	3.26	2.69	2.26	1.94	1.69	1.50	1.34	1.22	1.12	1.04	0.97	0.91	0.86	0.82	0.78	
A	B	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

Caption for fastening methods:

a = concealed fastening with
b = concealed fastening with
c = concealed fastening with
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washer Ø 19
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per fastening point (see approval, appendix B, sheet 2.02, item 1)
per fastening point (see approval, appendix B, sheet 2.02, item 1)
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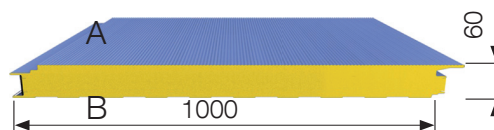
Ripping out of the supporting structure is subject to an individual structural analysis.

FischerTHERM plus SL 60 Wind suction load table

Technical information

Date: 11.2009

FischerTHERM plus SL 60 0,63/0,75

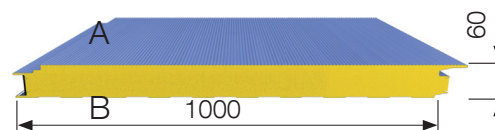


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	40 7.65	40 5.46	40 4.48	40 3.88	45 3.48	49 3.18	53 2.94	57 2.75	60 2.60	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.84	71 1.73	71 1.63	71 1.54	71 1.46	71 1.38
	I. II. III (f)	40 5.96	40 4.97	40 4.40	40 3.88	45 3.48	49 3.18	53 2.94	57 2.75	60 2.60	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.84	71 1.73	71 1.63	71 1.54	71 1.46	71 1.38
Two-span	I. II (f)	40 5.63	40 4.42	40 3.87	40 3.53	43 3.29	48 3.11	53 2.94	57 2.75	60 2.60	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.84	71 1.73	71 1.62	71 1.54	71 1.46	71 1.38
	III (f)	40 2.65	40 2.65	40 2.65	40 2.65	40 2.65	41 2.65	48 2.65	55 2.65	60 2.60	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.84	71 1.73	71 1.62	71 1.54	71 1.46	71 1.38
Three-span	I. II (f)	40 7.05	40 5.18	40 4.35	40 3.86	45 3.48	49 3.18	53 2.94	57 2.75	60 2.60	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.84	71 1.73	71 1.62	71 1.54	71 1.46	71 1.38
	III (f)	40 2.55	40 2.55	40 2.55	40 2.55	40 2.55	40 2.55	46 2.55	53 2.55	59 2.55	63 2.46	66 2.35	69 2.25	71 2.13	71 1.98	71 1.84	71 1.73	71 1.62	71 1.54	71 1.46	71 1.38

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM plus SL 60 0,63/0,75 (concealed fastening)



Wind suction load, taking account of concealed fastening

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I, II, III (f)	D 19.12	D 9.56	D 6.37	D 4.78	D 3.82	D 3.19	D 2.73	D 2.39	D 2.12	D 1.91	D 1.74	D 1.59	D 1.47	D 1.37	D 1.28	D 1.20	D 1.12	D 1.06	D 1.01	D 0.96
Two-span	I (f)	C 14.02	D 9.05	D 6.09	D 4.62	D 3.74	D 3.15	D 2.62	D 2.21	D 1.92	D 1.70	D 1.52	D 1.39	D 1.28	D 1.18	D 1.10	D 1.04	D 0.98	D 0.93	D 0.88	D 0.84
		C 5.64	D 5.64	D 5.64	D 4.62	D 3.74	D 3.15	D 2.62	D 2.21	D 1.92	D 1.70	D 1.52	D 1.39	D 1.28	D 1.18	D 1.10	D 1.04	D 0.98	D 0.93	D 0.88	D 0.84
	II (f)	A 5.64	C 5.64	D 5.64	D 4.62	D 3.74	D 3.15	D 2.62	D 2.21	D 1.92	D 1.70	D 1.52	D 1.39	D 1.28	D 1.18	D 1.10	D 1.04	D 0.98	D 0.93	D 0.88	D 0.84
		C 2.65	D 2.65	D 2.65	D 2.65	D 2.65	D 2.65	D 2.62	D 2.21	D 1.92	D 1.70	D 1.52	D 1.39	D 1.28	D 1.18	D 1.10	D 1.04	D 0.98	D 0.93	D 0.88	D 0.84
	III (f)	A 2.65	B 2.65	C 2.65	C 2.65	C 2.65	D 2.65	D 2.62	D 2.21	D 1.92	D 1.70	D 1.52	D 1.39	D 1.28	D 1.18	D 1.10	D 1.04	D 0.98	D 0.93	D 0.88	D 0.84
		B 2.65	B 2.65	C 2.65	C 2.65	C 2.65	C 2.65	C 2.62	C 2.21	C 1.92	C 1.70	C 1.52	C 1.39	C 1.28	C 1.18	C 1.10	C 1.04	C 0.98	C 0.93	C 0.88	C 0.84
Three-span	I, II (f)	D 20.12	D 10.22	D 6.82	D 5.13	D 4.00	D 3.19	D 2.62	D 2.19	D 1.88	D 1.64	D 1.45	D 1.31	D 1.19	D 1.10	D 1.02	D 0.96	D 0.90	D 0.85	D 0.80	D 0.76
		D 2.55	D 2.55	D 2.55	D 2.55	D 2.55	D 2.55	D 2.55	D 2.19	D 1.88	D 1.64	D 1.45	D 1.31	D 1.19	D 1.10	D 1.02	D 0.96	D 0.90	D 0.85	D 0.80	D 0.76
	III (f)	A 2.55	B 2.55	C 2.55	C 2.55	C 2.55	D 2.55	D 2.55	D 2.19	D 1.88	D 1.64	D 1.45	D 1.31	D 1.19	D 1.10	D 1.02	D 0.96	D 0.90	D 0.85	D 0.80	D 0.76
		A 2.55	A 2.55	B 2.55	C 2.55	C 2.55	C 2.55	C 2.55	C 2.19	C 1.88	C 1.64	C 1.45	C 1.31	C 1.19	C 1.10	C 1.02	C 0.96	C 0.90	C 0.85	C 0.80	C 0.76

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

Caption for fastening methods:

a = concealed fastening with
b = concealed fastening with
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washer Ø 19
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per fastening point (see approval, appendix B, sheet 2.02, item 1)
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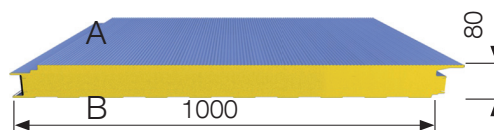
Ripping out of the supporting structure is subject to an individual structural analysis.

FischerTHERM plus SL 60 Wind suction load table

Technical information

Date: 11.2009

FischerTHERM plus SL 80 0,63/0,50

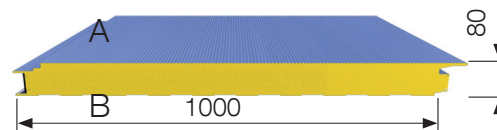


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴⁰ 9.28	⁴⁰ 6.56	⁴¹ 5.36	⁴⁷ 4.64	⁵³ 4.15	⁵⁸ 3.79	⁶² 3.51	⁶⁷ 3.28	⁷¹ 3.09	⁷⁵ 2.94	⁷⁸ 2.80	⁸² 2.68	⁸⁵ 2.58	⁸⁷ 2.44	⁸⁷ 2.28	⁸⁷ 2.13	⁸⁷ 2.01	⁸⁷ 1.90	⁸⁷ 1.80	⁸⁶ 1.70
	I. II. III (f)	⁴⁰ 7.24	⁴⁰ 5.95	⁴⁰ 5.23	⁴⁷ 4.64	⁵³ 4.15	⁵⁸ 3.79	⁶² 3.51	⁶⁷ 3.28	⁷¹ 3.09	⁷⁵ 2.94	⁷⁸ 2.80	⁸² 2.68	⁸⁵ 2.58	⁸⁷ 2.44	⁸⁷ 2.28	⁸⁷ 2.13	⁸⁷ 2.01	⁸⁷ 1.90	⁸⁷ 1.80	⁸⁶ 1.70
Two-span	I. II (f)	⁴⁰ 5.91	⁴⁰ 4.64	⁴⁰ 4.06	⁴⁰ 3.71	⁴⁴ 3.46	⁵⁰ 3.28	⁵⁶ 3.13	⁶¹ 3.01	⁶⁶ 2.90	⁷² 2.82	⁷⁷ 2.74	⁸² 2.67	⁸⁵ 2.58	⁸⁷ 2.44	⁸⁷ 2.27	⁸⁷ 2.13	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
		⁶⁰	⁶⁰	⁶⁸	⁸⁰	⁹¹	¹⁰¹	¹¹¹	¹²³	¹³³	¹⁴³	¹⁵³	¹⁶³	¹⁷¹	¹⁷⁴	¹⁷³	¹⁷³	¹⁷³	¹⁷³	¹⁷³	¹⁷³
	III (f)	⁴⁰ 5.16	⁴⁰ 4.64	⁴⁰ 4.06	⁴⁰ 3.71	⁴⁴ 3.46	⁵⁰ 3.28	⁵⁶ 3.13	⁶¹ 3.01	⁶⁶ 2.90	⁷² 2.82	⁷⁷ 2.74	⁸² 2.67	⁸⁵ 2.58	⁸⁷ 2.44	⁸⁷ 2.27	⁸⁷ 2.13	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
		⁶⁰	⁶⁰	⁶⁸	⁸⁰	⁹¹	¹⁰¹	¹¹¹	¹²³	¹³³	¹⁴³	¹⁵³	¹⁶³	¹⁷¹	¹⁷⁴	¹⁷³	¹⁷³	¹⁷³	¹⁷³	¹⁷³	¹⁷³
Three-span	I. II. III (f)	⁴⁰ 7.36	⁴⁰ 5.38	⁴⁰ 4.51	⁴¹ 4.00	⁴⁷ 3.66	⁵² 3.40	⁵⁷ 3.21	⁶² 3.05	⁶⁷ 2.92	⁷¹ 2.81	⁷⁶ 2.71	⁸⁰ 2.63	⁸⁴ 2.55	⁸⁷ 2.44	⁸⁷ 2.27	⁸⁷ 2.13	⁸⁶ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁶ 1.70
		⁶⁰	⁶⁰	⁶⁹	⁸¹	⁹³	¹⁰⁴	¹¹⁴	¹²⁴	¹³⁴	¹⁴³	¹⁵²	¹⁶¹	¹⁶⁹	¹⁷⁴	¹⁷³	¹⁷³	¹⁷³	¹⁷³	¹⁷³	¹⁷³

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM plus SL 80 0,63/0,50 (concealed fastening)



Wind suction load, taking account of concealed fastening

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I, II, III (f)	b 8.35	c 5.90	c 4.82	d 4.18	d 3.73	d 3.19	d 2.73	d 2.39	d 2.12	d 1.91	d 1.74	d 1.59	d 1.47	d 1.37	d 1.28	d 1.20	d 1.12	d 1.06	d 1.01	d 0.96
Two-span	I (f)	b 8.35	c 5.90	c 4.82	d 4.18	d 3.73	d 3.12	d 2.57	d 2.18	d 1.90	d 1.69	d 1.52	d 1.39	d 1.28	d 1.19	d 1.11	d 1.04	d 0.99	d 0.93	d 0.89	d 0.84
	II (f)	b 7.76	c 5.90	c 4.82	d 4.18	d 3.73	d 3.12	d 2.57	d 2.18	d 1.90	d 1.69	d 1.52	d 1.39	d 1.28	d 1.19	d 1.11	d 1.04	d 0.99	d 0.93	d 0.89	d 0.84
	III (f)	a 4.99	c 4.30	c 3.92	d 3.67	d 3.48	d 3.12	d 2.57	d 2.18	d 1.90	d 1.69	d 1.52	d 1.39	d 1.28	d 1.19	d 1.11	d 1.04	d 0.99	d 0.93	d 0.89	d 0.84
Three-span	I (f)	b 8.35	c 5.90	c 4.82	d 4.18	d 3.73	d 3.13	d 2.56	d 2.15	d 1.84	d 1.61	d 1.44	d 1.30	d 1.19	d 1.10	d 1.02	d 0.96	d 0.90	d 0.86	d 0.81	d 0.77
	III (f)	a 6.92	c 5.23	c 4.48	d 4.04	d 3.73	d 3.13	d 2.56	d 2.15	d 1.84	d 1.61	d 1.44	d 1.30	d 1.19	d 1.10	d 1.02	d 0.96	d 0.90	d 0.86	d 0.81	d 0.77

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

Caption for fastening methods:

a = concealed fastening with
b = concealed fastening with
c = concealed fastening with
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one screw and
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per fastening point (see approval, appendix B, sheet 2.02, item 1)
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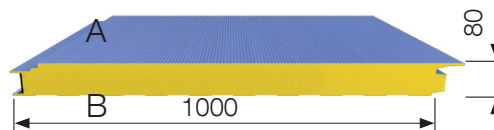
Ripping out of the supporting structure is subject to an individual structural analysis.

FischerTHERM plus SL 80 Wind suction load table

Technical information

Date: 11.2009

FischerTHERM plus SL 80 0,63/0,63

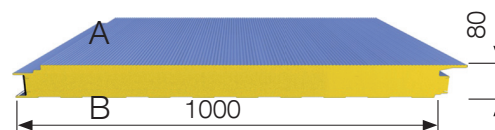


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴⁰ 9.10	⁴⁰ 6.50	⁴² 5.32	⁴⁸ 4.62	⁵³ 4.13	⁵⁹ 3.78	⁶³ 3.50	⁶⁷ 3.27	⁷² 3.09	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.43	⁸⁷ 2.27	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
	I. II. III (f)	⁴⁰ 7.36	⁴⁰ 6.09	⁴² 5.32	⁴⁸ 4.62	⁵³ 4.13	⁵⁹ 3.78	⁶³ 3.50	⁶⁷ 3.27	⁷² 3.09	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.43	⁸⁷ 2.27	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
Two-span	I. II (f)	⁴⁰ 6.84	⁴⁰ 5.32	⁴⁰ 4.62	⁴⁴ 4.20	⁵¹ 3.91	⁵⁷ 3.69	⁶³ 3.50	⁶⁷ 3.27	⁷² 3.09	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.43	⁸⁷ 2.26	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
	III (f)	⁴⁰ 3.92	⁴⁰ 3.92	⁴⁰ 3.92	⁴¹ 3.92	⁵¹ 3.91	⁵⁷ 3.69	⁶³ 3.50	⁶⁷ 3.27	⁷² 3.09	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.43	⁸⁷ 2.26	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
Three-span	I. II (f)	⁴⁰ 8.43	⁴⁰ 6.18	⁴¹ 5.18	⁴⁸ 4.58	⁵³ 4.13	⁵⁹ 3.78	⁶³ 3.50	⁶⁷ 3.27	⁷² 3.09	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.43	⁸⁷ 2.26	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
	III (f)	⁴⁰ 5.52	⁴⁰ 5.52	⁴¹ 5.18	⁴⁸ 4.58	⁵³ 4.13	⁵⁹ 3.78	⁶³ 3.50	⁶⁷ 3.27	⁷² 3.09	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.43	⁸⁷ 2.26	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM plus SL 80 0,63/0,63 (concealed fastening)



Wind suction load, taking account of concealed fastening

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I. II. III (f)	D 19.12	D 9.56	D 6.37	D 4.78	D 3.82	D 3.19	D 2.73	D 2.39	D 2.12	D 1.91	D 1.74	D 1.59	D 1.47	D 1.37	D 1.28	D 1.20	D 1.12	D 1.06	D 1.01	D 0.96
		C 17.59	D 9.08	D 6.12	D 4.66	D 3.78	D 3.00	D 2.47	D 2.11	D 1.85	D 1.65	D 1.49	D 1.37	D 1.26	D 1.18	D 1.10	D 1.03	D 0.98	D 0.93	D 0.88	D 0.84
Two-span	I. II (f)	D 17.59	D 9.08	D 6.12	D 4.66	D 3.78	D 3.00	D 2.47	D 2.11	D 1.85	D 1.65	D 1.49	D 1.37	D 1.26	D 1.18	D 1.10	D 1.03	D 0.98	D 0.93	D 0.88	D 0.84
		D 17.59	D 9.08	D 6.12	D 4.66	D 3.78	D 3.00	D 2.47	D 2.11	D 1.85	D 1.65	D 1.49	D 1.37	D 1.26	D 1.18	D 1.10	D 1.03	D 0.98	D 0.93	D 0.88	D 0.84
	III (f)	A 3.92	C 3.92	C 3.92	C 3.92	D 3.78	D 3.00	D 2.47	D 2.11	D 1.85	D 1.65	D 1.49	D 1.37	D 1.26	D 1.18	D 1.10	D 1.03	D 0.98	D 0.93	D 0.88	D 0.84
		B 3.92	C 3.92	C 3.92	C 3.92	D 3.78	D 3.00	D 2.47	D 2.11	D 1.85	D 1.65	D 1.49	D 1.37	D 1.26	D 1.18	D 1.10	D 1.03	D 0.98	D 0.93	D 0.88	D 0.84
Three-span	I. II (f)	D 20.42	D 10.22	D 6.83	D 5.02	D 3.80	D 3.00	D 2.44	D 2.04	D 1.76	D 1.54	D 1.38	D 1.26	D 1.15	D 1.07	D 1.00	D 0.94	D 0.89	D 0.84	D 0.80	D 0.76
		D 20.42	D 10.22	D 6.83	D 5.02	D 3.80	D 3.00	D 2.44	D 2.04	D 1.76	D 1.54	D 1.38	D 1.26	D 1.15	D 1.07	D 1.00	D 0.94	D 0.89	D 0.84	D 0.80	D 0.76
	III (f)	A 5.52	C 5.52	D 5.52	D 5.02	D 3.80	D 3.00	D 2.44	D 2.04	D 1.76	D 1.54	D 1.38	D 1.26	D 1.15	D 1.07	D 1.00	D 0.94	D 0.89	D 0.84	D 0.80	D 0.76
		A 5.52	C 5.52	C 5.52	D 5.02	D 3.80	D 3.00	D 2.44	D 2.04	D 1.76	D 1.54	D 1.38	D 1.26	D 1.15	D 1.07	D 1.00	D 0.94	D 0.89	D 0.84	D 0.80	D 0.76

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

Caption for fastening methods:

a = concealed fastening with
b = concealed fastening with
c = concealed fastening with
d = concealed fastening with

one screw and
two screws and
one screw and
two screws and

washer Ø 19
washers Ø 19
load distributor
load distributors

per fastening point (see approval, appendix B, sheet 2.02, item 1)
per fastening point (see approval, appendix B, sheet 2.02, item 1)
per fastening point (see approval, appendix B, sheet 2.02, item 2)
per fastening point (see approval, appendix B, sheet 2.02, item 2)

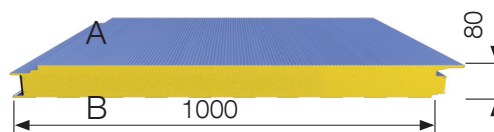
Ripping out of the supporting structure is subject to an individual structural analysis.

FischerTHERM plus SL 80 Wind suction load table

Technical information

Date: 11.2009

FischerTHERM plus SL 80 0,63/0,75

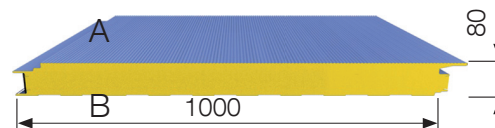


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴⁰ 9.10	⁴⁰ 6.49	⁴² 5.32	⁴⁸ 4.62	⁵³ 4.13	⁵⁸ 3.77	⁶³ 3.50	⁶⁷ 3.27	⁷¹ 3.08	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.43	⁸⁷ 2.26	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
	I. II. III (f)	⁴⁰ 7.49	⁴⁰ 6.20	⁴² 5.32	⁴⁸ 4.62	⁵³ 4.13	⁵⁸ 3.77	⁶³ 3.50	⁶⁷ 3.27	⁷¹ 3.08	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.43	⁸⁷ 2.26	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
Two-span	I. II (f)	⁴⁰ 7.03	⁴⁰ 5.48	⁴⁰ 4.77	⁴⁵ 4.34	⁵² 4.04	⁵⁸ 3.77	⁶³ 3.50	⁶⁷ 3.27	⁷¹ 3.08	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.42	⁸⁷ 2.26	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
	III (f)	⁴⁰ 3.50	⁴⁰ 3.50	⁴⁰ 3.50	⁴⁰ 3.50	⁴⁵ 3.50	⁵⁴ 3.50	⁶³ 3.50	⁶⁷ 3.27	⁷¹ 3.08	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.42	⁸⁷ 2.26	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
Three-span	I. II (f)	⁴⁰ 8.68	⁴⁰ 6.36	⁴² 5.32	⁴⁸ 4.62	⁵³ 4.13	⁵⁸ 3.77	⁶³ 3.50	⁶⁷ 3.27	⁷¹ 3.08	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.42	⁸⁷ 2.26	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70
	III (f)	⁴⁰ 3.66	⁴⁰ 3.66	⁴⁰ 3.66	⁴⁰ 3.66	⁴⁷ 3.66	⁵⁷ 3.66	⁶³ 3.50	⁶⁷ 3.27	⁷¹ 3.08	⁷⁵ 2.93	⁷⁹ 2.79	⁸² 2.67	⁸⁶ 2.57	⁸⁷ 2.42	⁸⁷ 2.26	⁸⁷ 2.12	⁸⁷ 2.00	⁸⁷ 1.89	⁸⁷ 1.79	⁸⁷ 1.70

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM plus SL 80 0,63/0,75 (concealed fastening)



Wind suction load. taking account of concealed fastening

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I, II, III (f)	D 19.12	D 9.56	D 6.37	D 4.78	D 3.82	D 3.19	D 2.73	D 2.39	D 2.12	D 1.91	D 1.74	D 1.59	D 1.47	D 1.37	D 1.28	D 1.20	D 1.12	D 1.06	D 1.01	D 0.96
Two-span	I (f)	C 17.94	D 9.08	D 6.13	D 4.67	D 3.70	D 2.92	D 2.41	D 2.06	D 1.81	D 1.62	D 1.47	D 1.35	D 1.25	D 1.16	D 1.09	D 1.03	D 0.97	D 0.92	D 0.88	D 0.84
		D 9.66	D 9.08	D 6.13	D 4.67	D 3.70	D 2.92	D 2.41	D 2.06	D 1.81	D 1.62	D 1.47	D 1.35	D 1.25	D 1.16	D 1.09	D 1.03	D 0.97	D 0.92	D 0.88	D 0.84
	II (f)	C 9.66	D 9.08	D 6.13	D 4.67	D 3.70	D 2.92	D 2.41	D 2.06	D 1.81	D 1.62	D 1.47	D 1.35	D 1.25	D 1.16	D 1.09	D 1.03	D 0.97	D 0.92	D 0.88	D 0.84
		D 9.66	D 9.08	D 6.13	D 4.67	D 3.70	D 2.92	D 2.41	D 2.06	D 1.81	D 1.62	D 1.47	D 1.35	D 1.25	D 1.16	D 1.09	D 1.03	D 0.97	D 0.92	D 0.88	D 0.84
	III (f)	A 3.50	C 3.50	C 3.50	D 3.50	D 3.50	D 2.92	D 2.41	D 2.06	D 1.81	D 1.62	D 1.47	D 1.35	D 1.25	D 1.16	D 1.09	D 1.03	D 0.97	D 0.92	D 0.88	D 0.84
		B 3.50	C 3.50	C 3.50	C 3.50	C 3.50	C 2.92	C 2.41	C 2.06	C 1.81	C 1.62	C 1.47	C 1.35	C 1.25	C 1.16	C 1.09	C 1.03	C 0.97	C 0.92	C 0.88	C 0.84
Three-span	I, II (f)	D 20.41	D 10.22	D 6.83	D 4.93	D 3.71	D 2.90	D 2.36	D 1.97	D 1.70	D 1.50	D 1.35	D 1.23	D 1.13	D 1.05	D 0.99	D 0.93	D 0.88	D 0.83	D 0.79	D 0.76
	III (f)	A 3.66	C 3.66	C 3.66	D 3.66	D 3.66	D 2.90	D 2.36	D 1.97	D 1.70	D 1.50	D 1.35	D 1.23	D 1.13	D 1.05	D 0.99	D 0.93	D 0.88	D 0.83	D 0.79	D 0.76

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

Caption for fastening methods:

a = concealed fastening with
b = concealed fastening with
c = concealed fastening with
d = concealed fastening with

one screw and
two screws and
one screw and
two screws and

washer Ø 19
washers Ø 19
load distributor
load distributors

per fastening point (see approval, appendix B, sheet 2.02, item 1)
per fastening point (see approval, appendix B, sheet 2.02, item 1)
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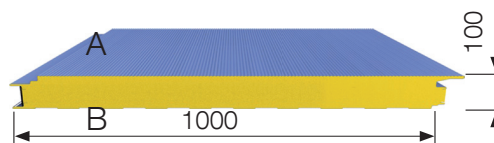
Ripping out of the supporting structure is subject to an individual structural analysis.

FischerTHERM plus SL 80 Wind suction load table

Technical information

Date: 11.2009

FischerTHERM plus SL 100 0,63/0,50

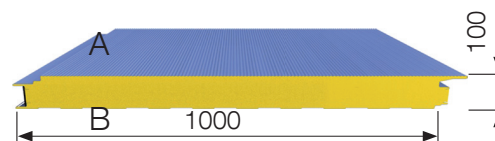


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	40 9.26	40 6.55	45 5.35	52 4.63	59 4.14	64 3.78	69 3.50	74 3.27	79 3.09	83 2.93	87 2.79	91 2.67	94 2.57	98 2.48	101 2.39	105 2.32	108 2.25	110 2.16	110 2.04	110 1.94
	I. II. III (f)	40 8.61	40 6.55	45 5.35	52 4.63	59 4.14	64 3.78	69 3.50	74 3.27	79 3.09	83 2.93	87 2.79	91 2.67	94 2.57	98 2.48	101 2.39	105 2.32	108 2.25	110 2.16	110 2.04	110 1.94
Two-span	I. II (f)	40 4.94	40 4.16	40 3.76	40 3.50	47 3.32	54 3.17	60 3.05	67 2.95	73 2.86	79 2.79	85 2.72	91 2.67	94 2.57	98 2.48	101 2.39	105 2.32	108 2.25	110 2.16	110 2.04	110 1.94
	III (f)	40 3.54	40 3.54	40 3.54	40 3.50	47 3.32	54 3.17	60 3.05	67 2.95	73 2.86	79 2.79	85 2.72	91 2.67	94 2.57	98 2.48	101 2.39	105 2.32	108 2.25	110 2.16	110 2.04	110 1.94
Three-span	I. II (f)	40 6.00	40 4.58	40 3.96	40 3.58	47 3.32	53 3.13	59 2.97	64 2.85	70 2.75	75 2.66	80 2.58	85 2.51	90 2.45	95 2.40	100 2.35	104 2.30	108 2.25	110 2.16	110 2.04	110 1.94
	III (f)	40 3.62	40 3.62	40 3.62	40 3.58	47 3.32	53 3.13	59 2.97	64 2.85	70 2.75	75 2.66	80 2.58	85 2.51	90 2.45	95 2.40	100 2.35	104 2.30	108 2.25	110 2.16	110 2.04	110 1.94

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM plus SL 100 0,63/0,50 (concealed fastening)



Wind suction load, taking account of concealed fastening

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I, II, III (f)	^b 8.33	^c 5.89	^c 4.81	^d 4.17	^d 3.73	^d 3.19	^d 2.73	^d 2.39	^d 2.12	^d 1.91	^d 1.74	^d 1.59	^d 1.47	^d 1.37	^d 1.28	^d 1.20	^d 1.12	^d 1.06	^d 1.01	^d 0.96
Two-span	I (f)	^b 6.83	^c 5.89	^c 4.81	^d 4.17	^d 3.69	^d 2.92	^d 2.42	^d 2.08	^d 1.83	^d 1.64	^d 1.48	^d 1.36	^d 1.26	^d 1.17	^d 1.10	^d 1.04	^d 0.98	^d 0.93	^d 0.88	^d 0.84
	II (f)	^a 6.09	^c 5.05	^c 4.53	^d 4.17	^d 3.69	^d 2.92	^d 2.42	^d 2.08	^d 1.83	^d 1.64	^d 1.48	^d 1.36	^d 1.26	^d 1.17	^d 1.10	^d 1.04	^d 0.98	^d 0.93	^d 0.88	^d 0.84
	III (f)	^a 3.54	^c 3.54	^c 3.41	^c 3.28	^d 3.17	^d 2.92	^d 2.42	^d 2.08	^d 1.83	^d 1.64	^d 1.48	^d 1.36	^d 1.26	^d 1.17	^d 1.10	^d 1.04	^d 0.98	^d 0.93	^d 0.88	^d 0.84
Three-span	I (f)	^c 8.33	^c 5.89	^c 4.81	^d 4.17	^d 3.70	^d 2.90	^d 2.36	^d 1.98	^d 1.71	^d 1.51	^d 1.36	^d 1.24	^d 1.14	^d 1.06	^d 1.00	^d 0.94	^d 0.89	^d 0.84	^d 0.80	^d 0.76
	II (f)	^b 7.97	^c 5.89	^c 4.81	^d 4.17	^d 3.70	^d 2.90	^d 2.36	^d 1.98	^d 1.71	^d 1.51	^d 1.36	^d 1.24	^d 1.14	^d 1.06	^d 1.00	^d 0.94	^d 0.89	^d 0.84	^d 0.80	^d 0.76
	III (f)	^a 3.62	^c 3.62	^c 3.38	^c 3.19	^d 3.04	^d 2.90	^d 2.36	^d 1.98	^d 1.71	^d 1.51	^d 1.36	^d 1.24	^d 1.14	^d 1.06	^d 1.00	^d 0.94	^d 0.89	^d 0.84	^d 0.80	^d 0.76

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

Caption for fastening methods:

a = concealed fastening with **one** screw and
b = concealed fastening with **two** screws and
c = concealed fastening with **one** screw and
d = concealed fastening with **two** screws and

washer Ø 19
washers Ø 19
load distributor
load distributors

per fastening point (see approval, appendix B, sheet 2.02, item 1)
per fastening point (see approval, appendix B, sheet 2.02, item 1)
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per fastening point (see approval, appendix B, sheet 2.02, item 2)

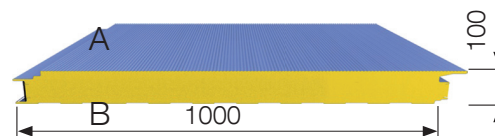
Ripping out of the supporting structure is subject to an individual structural analysis.

FischerTHERM plus SL 100 Wind suction load table

Technical information

Date: 11.2009

FischerTHERM plus SL 100 0,63/0,63

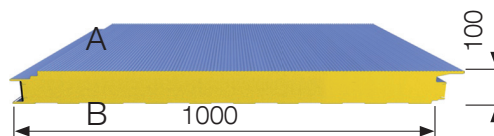


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	40 9.08	40 6.48	46 5.31	53 4.61	59 4.12	65 3.77	70 3.49	75 3.26	79 3.08	83 2.92	88 2.79	91 2.67	95 2.56	99 2.47	102 2.39	105 2.31	108 2.24	110 2.15	110 2.04	110 1.94
	I. II. III (f)	40 8.76	40 6.48	46 5.31	53 4.61	59 4.12	65 3.77	70 3.49	75 3.26	79 3.08	83 2.92	88 2.79	91 2.67	95 2.56	99 2.47	102 2.39	105 2.31	108 2.24	110 2.15	110 2.04	110 1.94
Two-span	I (f)	40 5.79 60	40 4.79 69	40 4.29 85	46 3.97 99	54 3.74 112	61 3.56 124	69 3.42 137	75 3.26 149	79 3.08 158	83 2.92 166	88 2.79 175	91 2.67 182	95 2.56 189	99 2.47 197	102 2.39 204	105 2.31 210	108 2.24 216	110 2.15 220	110 2.04 220	110 1.94 220
	II (f)	40 5.49 60	40 4.79 69	40 4.29 85	46 3.97 99	54 3.74 112	61 3.56 124	69 3.42 137	75 3.26 149	79 3.08 158	83 2.92 166	88 2.79 175	91 2.67 182	95 2.56 189	99 2.47 197	102 2.39 204	105 2.31 210	108 2.24 216	110 2.15 220	110 2.04 220	110 1.94 220
	III (f)	40 3.16 60	40 3.16 60	40 3.16 71	40 3.16 85	46 3.16 99	54 3.16 113	63 3.16 127	72 3.16 144	79 3.08 158	83 2.92 166	88 2.79 175	91 2.67 182	95 2.56 189	99 2.47 197	102 2.39 204	105 2.31 210	108 2.24 216	110 2.15 220	110 2.04 220	110 1.94 220
Three-span	I. II (f)	40 7.10 60	40 5.37 62	40 4.60 80	48 4.13 95	55 3.82 109	62 3.58 123	68 3.39 135	74 3.24 148	79 3.08 158	83 2.92 166	88 2.79 175	91 2.67 182	95 2.56 189	99 2.47 197	102 2.39 204	105 2.31 210	108 2.24 216	110 2.15 220	110 2.04 220	110 1.94 220
	III (f)	40 2.80 60	40 2.80 60	40 2.80 60	40 2.80 64	40 2.80 80	48 2.80 96	56 2.80 112	64 2.80 128	72 2.80 144	80 2.80 159	88 2.79 175	91 2.67 182	95 2.56 189	99 2.47 197	102 2.39 204	105 2.31 210	108 2.24 216	110 2.15 220	110 2.04 220	110 1.94 220

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM plus SL 100 0,63/0,63 (concealed fastening)



Wind suction load, taking account of concealed fastening

Structural System	Colour group	Wind suction in kN/m ²																			
Single-span	I. II. III (f)	D 19.12	D 9.56	D 6.37	D 4.78	D 3.82	D 3.19	D 2.73	D 2.39	D 2.12	D 1.91	D 1.74	D 1.59	D 1.47	D 1.37	D 1.28	D 1.20	D 1.12	D 1.06	D 1.01	D 0.96
		C 11.50	D 9.11	D 6.16	D 4.70	D 3.53	D 2.81	D 2.34	D 2.02	D 1.78	D 1.60	D 1.46	D 1.34	D 1.25	D 1.16	D 1.09	D 1.03	D 0.97	D 0.92	D 0.88	D 0.84
Two-span	II (f)	A 5.49	C 5.49	D 5.49	D 4.70	D 3.53	D 2.81	D 2.34	D 2.02	D 1.78	D 1.60	D 1.46	D 1.34	D 1.25	D 1.16	D 1.09	D 1.03	D 0.97	D 0.92	D 0.88	D 0.84
		B 5.49	C 5.49	D 5.49	D 4.70	D 3.53	D 2.81	D 2.34	D 2.02	D 1.78	D 1.60	D 1.46	D 1.34	D 1.25	D 1.16	D 1.09	D 1.03	D 0.97	D 0.92	D 0.88	D 0.84
	III (f)	A 3.16	C 3.16	C 3.16	C 3.16	D 3.16	D 2.81	D 2.34	D 2.02	D 1.78	D 1.60	D 1.46	D 1.34	D 1.25	D 1.16	D 1.09	D 1.03	D 0.97	D 0.92	D 0.88	D 0.84
Three-span	I (f)	D 19.37	D 10.22	D 6.79	D 4.75	D 3.53	D 2.76	D 2.24	D 1.88	D 1.64	D 1.46	D 1.32	D 1.21	D 1.12	D 1.04	D 0.98	D 0.92	D 0.87	D 0.83	D 0.79	D 0.76
		C 19.37	D 10.22	D 6.79	D 4.75	D 3.53	D 2.76	D 2.24	D 1.88	D 1.64	D 1.46	D 1.32	D 1.21	D 1.12	D 1.04	D 0.98	D 0.92	D 0.87	D 0.83	D 0.79	D 0.76
	II (f)	D 19.26	D 10.22	D 6.80	D 4.75	D 3.53	D 2.76	D 2.24	D 1.88	D 1.64	D 1.46	D 1.32	D 1.21	D 1.12	D 1.04	D 0.98	D 0.92	D 0.87	D 0.83	D 0.79	D 0.76
Three-span	III (f)	A 2.80	C 2.80	C 2.80	C 2.80	D 2.80	D 2.75	D 2.24	D 1.88	D 1.64	D 1.46	D 1.32	D 1.21	D 1.12	D 1.04	D 0.98	D 0.92	D 0.87	D 0.83	D 0.79	D 0.76
		A 2.80	C 2.80	C 2.80	C 2.80	D 2.80	D 2.75	D 2.24	D 1.88	D 1.64	D 1.46	D 1.32	D 1.21	D 1.12	D 1.04	D 0.98	D 0.92	D 0.87	D 0.83	D 0.79	D 0.76
	III (f)	A 2.80	C 2.80	C 2.80	C 2.80	D 2.80	D 2.75	D 2.24	D 1.88	D 1.64	D 1.46	D 1.32	D 1.21	D 1.12	D 1.04	D 0.98	D 0.92	D 0.87	D 0.83	D 0.79	D 0.76

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

Caption for fastening methods:

a = concealed fastening with
b = concealed fastening with
c = concealed fastening with
d = concealed fastening with

one screw and
two screws and
one screw and
two screws and

washer Ø 19
washers Ø 19
load distributor
load distributors

per fastening point (see approval, appendix B, sheet 2.02, item 1)
per fastening point (see approval, appendix B, sheet 2.02, item 1)
per fastening point (see approval, appendix B, sheet 2.02, item 2)
per fastening point (see approval, appendix B, sheet 2.02, item 2)

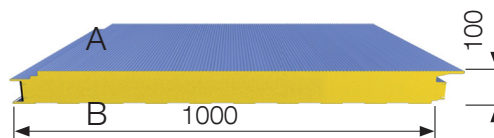
Ripping out of the supporting structure is subject to an individual structural analysis.

FischerTHERM plus SL 100 Wind suction load table

Technical information

Date: 11.2009

FischerTHERM plus SL 100 0,63/0,75

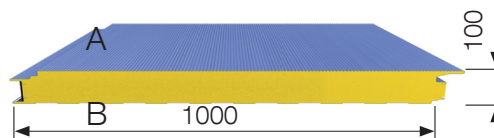


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	40 9.08	40 6.48	46 5.31	53 4.60	59 4.12	65 3.77	70 3.49	75 3.26	79 3.08	83 2.92	88 2.79	91 2.67	95 2.56	99 2.47	102 2.39	105 2.31	108 2.24	110 2.15	110 2.04	110 1.94
	I. II. III (f)	40 8.92	40 6.48	46 5.31	53 4.60	59 4.12	65 3.77	70 3.49	75 3.26	79 3.08	83 2.92	88 2.79	91 2.67	95 2.56	99 2.47	102 2.39	105 2.31	108 2.24	110 2.15	110 2.04	110 1.94
Two-span	I (f)	40 5.95 60	40 4.94 71	40 4.43 88	47 4.10 103	56 3.87 116	63 3.69 129	70 3.49 139	75 3.26 149	79 3.08 158	83 2.92 166	88 2.79 175	91 2.67 182	95 2.56 189	99 2.47 197	102 2.39 204	105 2.31 210	108 2.24 216	110 2.15 220	110 2.04 220	110 1.94 220
	II (f)	40 4.69 60	40 4.69 70	40 4.43 88	47 4.10 103	56 3.87 116	63 3.69 129	70 3.49 139	75 3.26 149	79 3.08 158	83 2.92 166	88 2.79 175	91 2.67 182	95 2.56 189	99 2.47 197	102 2.39 204	105 2.31 210	108 2.24 216	110 2.15 220	110 2.04 220	110 1.94 220
	III (f)	40 2.98 60	40 2.98 60	40 2.98 70	40 2.98 83	43 2.98 96	51 2.98 109	60 2.98 123	68 2.98 136	77 2.98 153	83 2.92 166	88 2.79 175	91 2.67 182	95 2.56 189	99 2.47 197	102 2.39 204	105 2.31 210	108 2.24 216	110 2.15 220	110 2.04 220	110 1.94 220
Three-span	I (f)	40 7.27 60	40 5.52 64	41 4.73 82	49 4.26 98	57 3.94 113	63 3.69 126	70 3.49 139	75 3.26 149	79 3.08 158	83 2.92 166	88 2.79 175	91 2.67 182	95 2.56 189	99 2.47 197	102 2.39 204	105 2.31 210	108 2.24 216	110 2.15 220	110 2.04 220	110 1.94 220
	II (f)	40 6.38 60	40 5.52 64	41 4.73 82	49 4.26 98	57 3.94 113	63 3.69 126	70 3.49 139	75 3.26 149	79 3.08 158	83 2.92 166	88 2.79 175	91 2.67 182	95 2.56 189	99 2.47 197	102 2.39 204	105 2.31 210	108 2.24 216	110 2.15 220	110 2.04 220	110 1.94 220
	III (f)	40 2.51 60	40 2.51 60	40 2.51 60	40 2.51 60	40 2.51 72	43 2.51 86	50 2.51 100	58 2.51 115	65 2.51 129	72 2.51 143	79 2.51 157	86 2.51 171	93 2.51 186	99 2.47 197	102 2.39 204	105 2.31 210	108 2.24 216	110 2.15 220	110 2.04 220	110 1.94 220

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM plus SL 100 0,63/0,75 (concealed fastening)



Wind suction load, taking account of concealed fastening

Structural System	Colour group	Wind suction in kN/m ²																			
Single-span	I, II, III (f)	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		19.12	9.56	6.37	4.78	3.82	3.19	2.73	2.39	2.12	1.91	1.74	1.59	1.47	1.37	1.28	1.20	1.12	1.06	1.01	0.96
Two-span	I (f)	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		11.51	9.12	6.17	4.60	3.43	2.73	2.29	1.98	1.76	1.59	1.45	1.33	1.24	1.16	1.08	1.02	0.97	0.92	0.88	0.84
	II (f)	B	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		4.69	4.69	4.69	4.60	3.43	2.73	2.29	1.98	1.76	1.59	1.45	1.33	1.24	1.16	1.08	1.02	0.97	0.92	0.88	0.84
	III (f)	A	C	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		2.98	2.98	2.98	2.98	2.98	2.73	2.29	1.98	1.76	1.59	1.45	1.33	1.24	1.16	1.08	1.02	0.97	0.92	0.88	0.84
Three-span	I (f)	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		19.73	10.23	6.67	4.62	3.41	2.65	2.15	1.82	1.59	1.42	1.29	1.19	1.10	1.03	0.97	0.91	0.86	0.82	0.78	0.75
	II (f)	B	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		6.38	6.38	6.38	4.62	3.41	2.65	2.15	1.82	1.59	1.42	1.29	1.19	1.10	1.03	0.97	0.91	0.86	0.82	0.78	0.75
	III (f)	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		2.51	2.51	2.51	2.51	2.51	2.51	2.15	1.82	1.59	1.42	1.29	1.19	1.10	1.03	0.97	0.91	0.86	0.82	0.78	0.75

The information on how to use the tables (see page 7) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

Caption for fastening methods:

a = concealed fastening with
b = concealed fastening with
c = concealed fastening with
d = concealed fastening with

one screw and
two screws and
one screw and
two screws and

washer Ø 19
washers Ø 19
load distributor
load distributors

per fastening point (see approval, appendix B, sheet 2.02, item 1)
per fastening point (see approval, appendix B, sheet 2.02, item 1)
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per fastening point (see approval, appendix B, sheet 2.02, item 2)

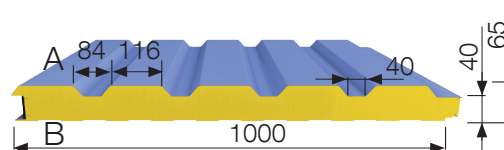
Ripping out of the supporting structure is subject to an individual structural analysis.

FischerTHERM plus SL 100 Wind suction load table

Technical information

Date: 11.2009

FischerTHERM TL 65 0,55/0,50

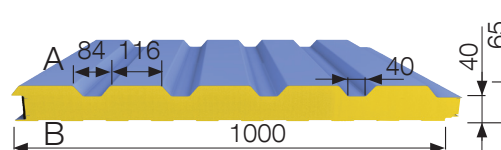


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴⁰ 8.07	⁴⁰ 5.65	⁴⁴ 4.58	⁵⁰ 3.93	⁵⁵ 3.48	⁶⁰ 3.15	⁶⁴ 2.89	⁶⁸ 2.67	⁷² 2.50	⁷⁵ 2.35	⁷⁸ 2.22	⁸⁰ 2.10	⁸³ 2.00	⁸⁵ 1.91	⁸⁷ 1.83	⁸⁹ 1.75	⁹¹ 1.68	⁹³ 1.62	⁹⁴ 1.56	⁹⁶ 1.51
	I. II. III(f)	⁴⁰ 5.81	⁴⁰ 4.82	⁴¹ 4.27	⁴⁹ 3.89	⁵⁵ 3.48	⁶⁰ 3.15	⁶⁴ 2.89	⁶⁸ 2.67	⁷² 2.50	⁷⁵ 2.35	⁷⁸ 2.22	⁸⁰ 2.10	⁸³ 2.00	⁸⁵ 1.91	⁸⁷ 1.83	⁸⁹ 1.75	⁹¹ 1.68	⁹³ 1.62	⁹⁴ 1.56	⁹⁶ 1.51
Two-span	I. II. III (f)	⁴⁰ 6.69	⁴⁰ 5.12	⁴² 4.42	⁵⁰ 3.93	⁵⁵ 3.48	⁶⁰ 3.15	⁶¹ 2.75	⁶² 2.44	⁶³ 2.20	⁶⁴ 2.00	⁶⁴ 1.83	⁶⁵ 1.70	⁶⁵ 1.58	⁶⁶ 1.49	⁶⁷ 1.41	⁶⁸ 1.34	⁶⁹ 1.28	⁷⁰ 1.23	⁷¹ 1.18	⁷² 1.14
		⁶⁰ 6.69	⁶⁹ 5.12	⁸⁷ 4.42	¹⁰¹ 3.93	¹¹¹ 3.48	¹²⁰ 3.15	¹²³ 2.75	¹²⁶ 2.44	¹²⁸ 2.20	¹³⁰ 2.00	¹³¹ 1.83	¹³² 1.70	¹³³ 1.58	¹³⁵ 1.49	¹³⁶ 1.41	¹³⁸ 1.34	¹⁴⁰ 1.28	¹⁴² 1.23	¹⁴³ 1.18	¹⁴⁵ 1.14
Three-span	I. II. III (f)	⁴⁰ 8.07	⁴⁰ 5.65	⁴⁴ 4.58	⁵⁰ 3.93	⁵⁵ 3.48	⁶⁰ 3.15	⁶⁴ 2.89	⁶⁸ 2.67	⁷⁰ 2.45	⁷¹ 2.24	⁷² 2.07	⁷⁴ 1.93	⁷⁵ 1.81	⁷⁶ 1.71	⁷⁷ 1.62	⁷⁸ 1.54	⁸⁰ 1.48	⁸¹ 1.42	⁸² 1.36	⁸⁴ 1.32
		⁶⁰ 8.07	⁷² 5.65	⁸⁷ 4.58	¹⁰⁰ 3.93	¹¹¹ 3.48	¹²⁰ 3.15	¹²⁹ 2.89	¹³⁶ 2.67	¹⁴⁰ 2.45	¹⁴² 2.24	¹⁴⁵ 2.07	¹⁴⁷ 1.93	¹⁵⁰ 1.81	¹⁵² 1.71	¹⁵⁵ 1.62	¹⁵⁷ 1.54	¹⁶⁰ 1.48	¹⁶³ 1.42	¹⁶⁴ 1.36	¹⁶⁸ 1.32

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM TL 65 0,55/0,50

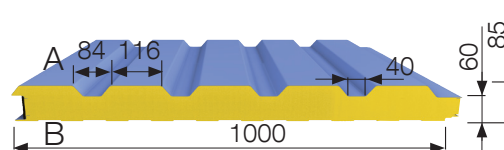


Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I, II, III	7.58	5.38	4.41	3.83	3.44	3.16	2.93	2.75	2.60	2.48	2.37	2.28	2.20	2.13	2.06	2.00	1.95	1.90	1.83	1.77
	I (f)	7.23	5.38	4.41	3.83	3.44	3.16	2.93	2.75	2.60	2.48	2.37	2.28	2.20	2.13	2.06	2.00	1.95	1.90	1.83	1.77
	II (f)	6.55	5.38	4.41	3.83	3.44	3.16	2.93	2.75	2.60	2.48	2.37	2.28	2.20	2.13	2.06	2.00	1.95	1.90	1.83	1.77
	III (f)	5.64	4.94	4.41	3.83	3.44	3.16	2.93	2.75	2.60	2.48	2.37	2.28	2.20	2.13	2.06	2.00	1.95	1.90	1.83	1.77
Two-span	I, II (f)	7.58	5.38	4.41	3.83	3.44	3.16	2.93	2.75	2.61	2.48	2.37	2.28	2.20	2.13	2.06	2.00	1.95	1.90	1.83	1.76
	III (f)	7.37	5.05	4.08	3.53	3.16	2.90	2.69	2.53	2.39	2.28	2.18	2.10	2.02	1.95	1.89	1.84	1.79	1.74	1.70	1.66
Three-span	I, II, III (f)	7.58	5.38	4.41	3.83	3.44	3.16	2.93	2.75	2.61	2.48	2.37	2.28	2.20	2.13	2.06	2.00	1.95	1.90	1.83	1.76

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM TL 85 0,55/0,50

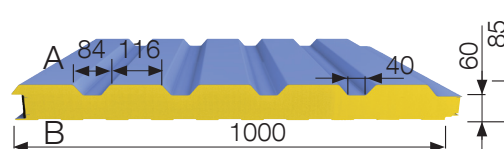


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I, II, III	40 9.65	40 6.78	42 5.49	48 4.72	53 4.19	58 3.79	62 3.48	66 3.23	69 3.02	72 2.84	75 2.68	78 2.55	80 2.43	83 2.32	85 2.22	87 2.13	89 2.05	90 1.97	92 1.90	94 1.84
	I, II (f)	40 7.22	40 5.96	40 5.26	48 4.72	53 4.19	58 3.79	62 3.48	66 3.23	69 3.02	72 2.84	75 2.68	78 2.55	80 2.43	83 2.32	85 2.22	87 2.13	89 2.05	90 1.97	92 1.90	94 1.84
	III (f)	40 7.21	40 5.96	40 5.26	48 4.72	53 4.19	58 3.79	62 3.48	66 3.23	69 3.02	72 2.84	75 2.68	78 2.55	80 2.43	83 2.32	85 2.22	87 2.13	89 2.05	90 1.97	92 1.90	94 1.84
Two-span	I, II, III (f)	40 6.14 60	40 4.85 60	40 4.26 71	40 3.90 84	46 3.65 96	53 3.46 107	55 3.11 112	56 2.74 113	55 2.42 113	55 2.17 113	55 1.98 113	56 1.82 114	56 1.70 115	57 1.59 115	57 1.50 116	58 1.42 117	59 1.36 118	60 1.30 119	60 1.24 120	61 1.20 122
Three-span	I, II, III (f)	40 7.63 60	40 5.70 60	40 4.85 74	44 4.34 88	51 3.99 101	57 3.72 114	62 3.48 124	62 3.04 124	62 2.72 125	63 2.47 126	64 2.27 127	64 2.10 128	65 1.96 130	66 1.85 132	67 1.75 134	68 1.66 135	68 1.58 137	69 1.51 138	70 1.45 140	71 1.40 142

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM TL 85 0,55/0,50

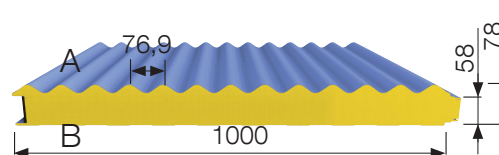


Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	III	8.04	5.70	4.67	4.06	3.64	3.33	3.09	2.90	2.74	2.61	2.49	2.39	2.30	2.22	2.16	2.09	2.03	1.98	1.93	1.89
	I, II (f)	8.04	5.70	4.67	4.06	3.64	3.33	3.09	2.90	2.74	2.61	2.49	2.39	2.30	2.22	2.16	2.09	2.03	1.98	1.93	1.89
	III (f)	7.11	5.70	4.67	4.06	3.64	3.33	3.09	2.90	2.74	2.61	2.49	2.39	2.30	2.22	2.16	2.09	2.03	1.98	1.93	1.89
Two-span	I, II, III (f)	8.04	5.70	4.67	4.06	3.64	3.33	3.09	2.90	2.74	2.61	2.49	2.39	2.30	2.22	2.16	2.09	2.03	1.98	1.93	1.89
Three-span	I, II, III (f)	8.04	5.70	4.67	4.06	3.64	3.33	3.09	2.90	2.74	2.61	2.49	2.39	2.30	2.22	2.16	2.09	2.03	1.98	1.93	1.89

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 80 0,63/0,50

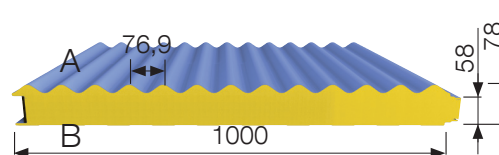


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴⁰ 13.86	⁵⁰ 9.74	⁶⁰ 7.91	⁶⁹ 6.81	⁷⁷ 6.05	⁸⁴ 5.49	⁸⁸ 4.96	⁸⁹ 4.38	⁹⁰ 3.93	⁹¹ 3.57	⁹¹ 3.27	⁹² 3.03	⁹³ 2.82	⁹⁴ 2.64	⁹⁵ 2.49	⁹⁶ 2.35	⁹⁶ 2.23	⁹⁸ 2.13	⁹⁸ 2.03	⁹⁹ 1.95
	I. II (f)	⁴⁰ 6.56	⁴⁰ 5.42	⁴⁰ 4.78	⁴⁴ 4.35	⁵¹ 4.02	⁵⁷ 3.76	⁶³ 3.54	⁶⁸ 3.36	⁷³ 3.20	⁷⁸ 3.06	⁸² 2.94	⁸⁶ 2.83	⁹⁰ 2.73	⁹⁴ 2.64	⁹⁵ 2.49	⁹⁶ 2.35	⁹⁶ 2.23	⁹⁸ 2.13	⁹⁸ 2.03	⁹⁹ 1.95
Two-span	I. II. III (f)	⁴⁰ 5.31	⁴⁰ 4.29	⁴⁰ 3.80	⁴⁰ 3.51	⁴² 3.29	⁴⁸ 3.13	⁵³ 3.00	⁵⁹ 2.90	⁶⁴ 2.81	⁶⁹ 2.73	⁷⁴ 2.66	⁷⁶ 2.50	⁷⁹ 2.38	⁸⁰ 2.26	⁸² 2.16	⁸⁴ 2.07	⁸⁶ 1.99	⁸⁸ 1.92	⁸⁹ 1.85	⁹¹ 1.79
		⁶⁰ 6.64	⁶⁰ 4.99	⁶⁵ 4.26	⁷⁷ 3.82	⁸⁸ 3.52	⁹⁸ 3.30	¹⁰⁷ 3.13	¹¹⁸ 3.00	¹²⁹ 2.88	¹³⁹ 2.78	¹⁴⁹ 2.70	¹⁵³ 2.62	¹⁵⁷ 2.56	¹⁶¹ 2.50	¹⁶⁵ 2.39	¹⁶⁸ 2.28	¹⁷² 2.18	¹⁷⁶ 2.10	¹⁷⁹ 2.02	¹⁸² 1.94
Three-span	I. II. III (f)	⁴⁰ 6.64	⁴⁰ 4.99	⁴⁰ 4.26	⁴⁰ 3.82	⁴⁵ 3.52	⁵⁰ 3.30	⁵⁶ 3.13	⁶¹ 3.00	⁶⁶ 2.88	⁷¹ 2.78	⁷⁶ 2.70	⁸⁰ 2.62	⁸⁵ 2.56	⁸⁹ 2.50	⁹¹ 2.39	⁹³ 2.28	⁹⁴ 2.18	⁹⁶ 2.10	⁹⁸ 2.02	⁹⁹ 1.94
		⁶⁰ 6.64	⁶⁰ 4.99	⁶⁵ 4.26	⁷⁸ 3.82	⁹⁰ 3.52	¹⁰¹ 3.30	¹¹¹ 3.13	¹²² 3.00	¹³² 2.88	¹⁴¹ 2.78	¹⁵¹ 2.70	¹⁶⁰ 2.62	¹⁶⁹ 2.56	¹⁷⁸ 2.50	¹⁸² 2.39	¹⁸⁶ 2.28	¹⁸⁹ 2.18	¹⁹² 2.10	¹⁸⁵ 2.02	¹⁹⁷ 1.94

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 80 0,63/0,50

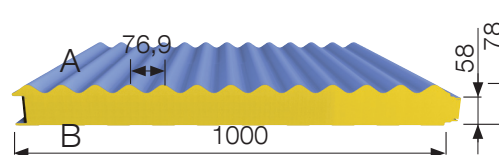


Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I (f)	7.53	5.34	4.36	3.79	3.40	3.11	2.88	2.70	2.55	2.42	2.31	2.22	2.14	2.06	2.00	1.94	1.88	1.83	1.78	1.74
	II, III	7.53	5.34	4.36	3.79	3.40	3.11	2.88	2.70	2.55	2.42	2.31	2.22	2.14	2.06	2.00	1.94	1.88	1.83	1.78	1.74
	II (f)	7.41	5.34	4.36	3.79	3.40	3.11	2.88	2.70	2.55	2.42	2.31	2.22	2.14	2.06	2.00	1.94	1.88	1.83	1.78	1.74
	III (f)	6.37	5.34	4.36	3.79	3.40	3.11	2.88	2.70	2.55	2.42	2.31	2.22	2.14	2.06	2.00	1.94	1.88	1.83	1.78	1.74
Two-span	I, II, III (f)	7.53	5.34	4.36	3.79	3.39	3.10	2.88	2.70	2.55	2.42	2.31	2.22	2.14	2.06	2.00	1.94	1.88	1.83	1.78	1.74
Three-span	I, II, III (f)	7.53	5.34	4.36	3.79	3.39	3.10	2.88	2.70	2.55	2.42	2.31	2.22	2.14	2.06	2.00	1.94	1.88	1.83	1.78	1.74

39 The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 80 0,63/0,63

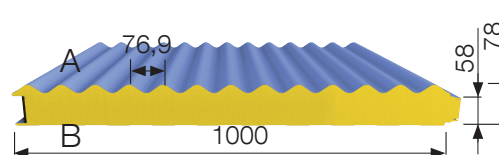


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴⁰ 13.80	⁵¹ 9.79	⁶² 7.98	⁷¹ 6.88	⁷⁹ 6.12	⁸⁶ 5.56	⁸⁸ 4.91	⁸⁹ 4.34	⁹⁰ 3.90	⁹¹ 3.54	⁹² 3.25	⁹³ 3.01	⁹³ 2.80	⁹⁴ 2.62	⁹⁵ 2.47	⁹⁶ 2.34	⁹⁷ 2.22	⁹⁸ 2.12	⁹⁸ 2.02	⁹⁹ 1.94
	I. II. III (f)	⁴⁰ 6.66	⁴⁰ 5.54	⁴⁰ 4.90	⁴⁶ 4.46	⁵³ 4.12	⁶⁰ 3.85	⁶⁶ 3.63	⁷¹ 3.44	⁷⁶ 3.28	⁸¹ 3.14	⁸⁵ 3.01	⁸⁹ 2.89	⁹³ 2.79	⁹⁴ 2.62	⁹⁵ 2.47	⁹⁶ 2.34	⁹⁷ 2.22	⁹⁸ 2.12	⁹⁸ 2.02	⁹⁹ 1.94
Two-span	I. II. III (f)	⁴⁰ 6.11	⁴⁰ 4.88	⁴⁰ 4.30	⁴¹ 3.94	⁴⁸ 3.69	⁵⁴ 3.50	⁶⁰ 3.35	⁶⁷ 3.23	⁶⁹ 2.99	⁷² 2.79	⁷⁴ 2.62	⁷⁶ 2.48	⁷⁸ 2.35	⁸⁰ 2.24	⁸² 2.14	⁸⁵ 2.06	⁸⁶ 1.98	⁸⁸ 1.90	⁹⁰ 1.84	⁹¹ 1.78
		⁶⁰ 6.11	⁶⁰ 4.88	⁷³ 4.30	⁸⁶ 3.94	⁹⁸ 3.69	¹⁰⁹ 3.50	¹²⁰ 3.35	¹³³ 3.23	¹³⁸ 2.99	¹⁴³ 2.79	¹⁴⁸ 2.62	¹⁵² 2.48	¹⁵⁶ 2.35	¹⁶⁰ 2.24	¹⁶⁴ 2.14	¹⁶⁹ 2.06	¹⁷² 1.98	¹⁷⁵ 1.90	¹⁷⁹ 1.84	¹⁸² 1.78
Three-span	I. II. III (f)	⁴⁰ 7.57	⁴⁰ 5.68	⁴⁰ 4.84	⁴⁵ 4.33	⁵² 3.98	⁵⁸ 3.72	⁶⁴ 3.52	⁶⁹ 3.36	⁷⁵ 3.23	⁸⁰ 3.12	⁸³ 2.94	⁸⁵ 2.76	⁸⁷ 2.61	⁸⁹ 2.47	⁹¹ 2.36	⁹² 2.25	⁹⁴ 2.16	⁹⁵ 2.07	⁹⁷ 2.00	⁹⁸ 1.92
		⁶⁰ 7.57	⁶⁰ 5.68	⁷⁵ 4.84	⁸⁹ 4.33	¹⁰³ 3.98	¹¹⁵ 3.72	¹²⁷ 3.52	¹³⁸ 3.36	¹⁴⁹ 3.23	¹⁶⁰ 3.12	¹⁶⁶ 2.94	¹⁷⁰ 2.76	¹⁷⁴ 2.61	¹⁷⁷ 2.47	¹⁸¹ 2.36	¹⁸⁴ 2.25	¹⁸⁸ 2.16	¹⁹⁰ 2.07	¹⁹⁴ 2.00	¹⁹⁶ 1.92

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 80 0,63/0,63

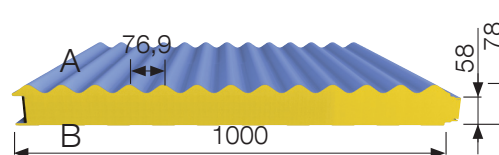


Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I (f)	8.35	5.91	4.84	4.20	3.76	3.44	3.19	2.98	2.82	2.68	2.56	2.45	2.36	2.28	2.20	2.14	2.08	2.02	1.94	1.86
	II, III	8.35	5.91	4.84	4.20	3.76	3.44	3.19	2.98	2.82	2.68	2.56	2.45	2.36	2.28	2.20	2.14	2.08	2.02	1.94	1.86
	II (f)	7.58	5.91	4.84	4.20	3.76	3.44	3.19	2.98	2.82	2.68	2.56	2.45	2.36	2.28	2.20	2.14	2.08	2.02	1.94	1.86
	III (f)	6.47	5.67	4.84	4.20	3.76	3.44	3.19	2.98	2.82	2.68	2.56	2.45	2.36	2.28	2.20	2.14	2.08	2.02	1.94	1.86
Two-span	I, II, III (f)	8.35	5.91	4.84	4.20	3.76	3.44	3.19	2.99	2.82	2.68	2.56	2.45	2.36	2.28	2.20	2.14	2.08	2.02	1.94	1.86
Three-span	I, II, III (f)	8.35	5.92	4.84	4.20	3.76	3.44	3.19	2.99	2.82	2.68	2.56	2.45	2.36	2.28	2.20	2.14	2.08	2.02	1.94	1.86

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 80 0,63/0,75

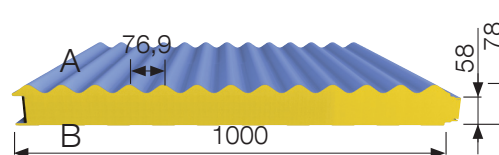


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴⁰ 13.92	⁵² 9.88	⁶³ 8.05	⁷² 6.94	⁸⁰ 6.18	⁸⁷ 5.61	⁸⁸ 4.90	⁸⁹ 4.33	⁹⁰ 3.89	⁹¹ 3.53	⁹¹ 3.24	⁹² 3.00	⁹³ 2.80	⁹⁴ 2.62	⁹⁵ 2.47	⁹⁶ 2.33	⁹⁷ 2.22	⁹⁷ 2.11	⁹⁸ 2.02	⁹⁹ 1.93
	I. II. III (f)	⁴⁰ 6.77	⁴⁰ 5.64	⁴⁰ 4.99	⁴⁷ 4.54	⁵⁴ 4.19	⁶¹ 3.92	⁶⁷ 3.69	⁷² 3.50	⁷⁷ 3.33	⁸² 3.18	⁸⁶ 3.05	⁹¹ 2.94	⁹³ 2.80	⁹⁴ 2.62	⁹⁵ 2.47	⁹⁶ 2.33	⁹⁷ 2.22	⁹⁷ 2.11	⁹⁸ 2.02	⁹⁹ 1.93
Two-span	I. II. III (f)	⁴⁰ 6.23	⁴⁰ 4.99	⁴⁰ 4.41	⁴² 4.05	⁴⁹ 3.80	⁵⁶ 3.60	⁶² 3.45	⁶⁶ 3.20	⁶⁹ 2.97	⁷¹ 2.77	⁷⁴ 2.61	⁷⁶ 2.46	⁷⁸ 2.34	⁸⁰ 2.23	⁸² 2.14	⁸⁴ 2.05	⁸⁶ 1.97	⁸⁸ 1.90	⁹⁰ 1.84	⁹¹ 1.78
		⁶⁰	⁶¹	⁷⁶	⁸⁹	¹⁰¹	¹¹³	¹²⁴	¹³¹	¹³⁷	¹⁴²	¹⁴⁷	¹⁵¹	¹⁵⁶	¹⁶⁰	¹⁶⁴	¹⁶⁸	¹⁷¹	¹⁷⁵	¹⁷⁹	¹⁸²
Three-span	I. II. III (f)	⁴⁰ 7.73	⁴⁰ 5.81	⁴⁰ 4.95	⁴⁶ 4.44	⁵³ 4.08	⁵⁹ 3.82	⁶⁵ 3.62	⁷¹ 3.45	⁷⁷ 3.32	⁸⁰ 3.12	⁸² 2.91	⁸⁴ 2.74	⁸⁶ 2.58	⁸⁸ 2.45	⁹⁰ 2.34	⁹¹ 2.23	⁹³ 2.14	⁹⁵ 2.06	⁹⁶ 1.98	⁹⁸ 1.91
		⁶⁰	⁶¹	⁷⁷	⁹²	¹⁰⁵	¹¹⁸	¹³⁰	¹⁴²	¹⁵³	¹⁶⁰	¹⁶⁴	¹⁶⁸	¹⁷²	¹⁷⁵	¹⁸⁰	¹⁸²	¹⁸⁶	¹⁹⁰	¹⁹²	¹⁹⁵

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 80 0,63/0,75

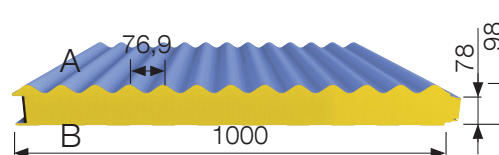


Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I (f)	8.66	6.13	5.02	4.35	3.90	3.56	3.30	3.09	2.92	2.78	2.65	2.54	2.44	2.36	2.28	2.21	2.13	2.03	1.94	1.86
	II, III	8.57	6.13	5.02	4.35	3.90	3.56	3.30	3.09	2.92	2.78	2.65	2.54	2.44	2.36	2.28	2.21	2.13	2.03	1.94	1.86
	II (f)	7.69	6.13	5.02	4.35	3.90	3.56	3.30	3.09	2.92	2.78	2.65	2.54	2.44	2.36	2.28	2.21	2.13	2.03	1.94	1.86
	III (f)	6.53	5.74	5.02	4.35	3.90	3.56	3.30	3.09	2.92	2.78	2.65	2.54	2.44	2.36	2.28	2.21	2.13	2.03	1.94	1.86
Two-span	I, II, III (f)	8.66	6.13	5.02	4.35	3.90	3.56	3.30	3.09	2.92	2.78	2.65	2.54	2.44	2.36	2.28	2.21	2.13	2.03	1.94	1.86
Three-span	I, II, III (f)	8.66	6.13	5.02	4.35	3.90	3.56	3.30	3.09	2.92	2.78	2.65	2.54	2.44	2.36	2.28	2.21	2.13	2.03	1.94	1.86

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 100 0,63/0,50

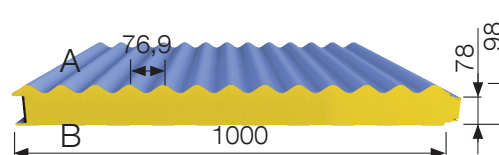


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴⁰ 15.76	⁵⁷ 11.15	⁶⁹ 9.10	⁸⁰ 7.89	⁹⁰ 7.06	⁹⁸ 6.44	¹⁰³ 5.76	¹⁰³ 5.07	¹⁰⁴ 4.54	¹⁰⁵ 4.12	¹⁰⁵ 3.77	¹⁰⁶ 3.48	¹⁰⁷ 3.24	¹⁰⁸ 3.03	¹⁰⁹ 2.85	¹⁰⁹ 2.69	¹¹⁰ 2.55	¹¹¹ 2.42	¹¹² 2.31	¹¹² 2.21
	I. II. III (f)	⁴⁰ 7.97	⁴⁰ 6.54	⁴⁴ 5.75	⁵³ 5.22	⁶¹ 4.81	⁶⁹ 4.49	⁷⁵ 4.23	⁸¹ 4.00	⁸⁷ 3.81	⁹³ 3.64	⁹⁸ 3.49	¹⁰³ 3.36	¹⁰⁷ 3.23	¹⁰⁸ 3.03	¹⁰⁹ 2.85	¹⁰⁹ 2.69	¹¹⁰ 2.55	¹¹¹ 2.42	¹¹² 2.31	¹¹² 2.21
Two-span	I. II. III (f)	⁴⁰ 6.41	⁴⁰ 5.12	⁴⁰ 4.52	⁴² 4.15	⁴⁹ 3.89	⁵⁶ 3.69	⁶³ 3.54	⁶⁹ 3.41	⁷⁶ 3.30	⁷⁹ 3.12	⁸² 2.92	⁸⁴ 2.75	⁸⁶ 2.61	⁸⁸ 2.48	⁹⁰ 2.37	⁹² 2.26	⁹⁴ 2.17	⁹⁶ 2.09	⁹⁸ 2.02	⁹⁹ 1.95
		⁶⁰ 6.41	⁶⁰ 5.12	⁷⁶ 4.52	⁸⁹ 4.15	¹⁰² 3.89	¹¹³ 3.69	¹²⁶ 3.54	¹³⁹ 3.41	¹⁵¹ 3.30	¹⁵⁹ 3.12	¹⁶³ 2.92	¹⁶⁸ 2.75	¹⁷³ 2.61	¹⁷⁷ 2.48	¹⁸¹ 2.37	¹⁸⁴ 2.26	¹⁸⁸ 2.17	¹⁹¹ 2.09	¹⁹⁵ 2.02	¹⁹⁸ 1.95
Three-span	I. II. III (f)	⁴⁰ 7.93	⁴⁰ 5.92	⁴⁰ 5.03	⁴⁶ 4.50	⁵³ 4.15	⁵⁹ 3.88	⁶⁵ 3.67	⁷¹ 3.50	⁷⁷ 3.36	⁸² 3.24	⁸⁸ 3.14	⁹³ 3.05	⁹⁵ 2.88	⁹⁷ 2.72	⁹⁹ 2.59	¹⁰¹ 2.47	¹⁰² 2.36	¹⁰³ 2.26	¹⁰⁵ 2.18	¹⁰⁷ 2.10
		⁶⁰ 7.93	⁶⁰ 5.92	⁷⁷ 5.03	⁹² 4.50	¹⁰⁶ 4.15	¹¹⁸ 3.88	¹³¹ 3.67	¹⁴² 3.50	¹⁵⁴ 3.36	¹⁶⁵ 3.24	¹⁷⁶ 3.14	¹⁸⁶ 3.05	¹⁹⁰ 2.88	¹⁹⁴ 2.72	¹⁹⁸ 2.59	²⁰¹ 2.47	²⁰⁴ 2.36	²⁰⁷ 2.26	²¹¹ 2.18	²¹⁴ 2.10

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 100 0,63/0,50

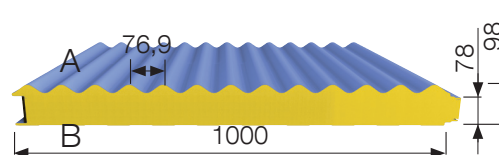


Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I, II, III	8.80	6.23	5.09	4.41	3.96	3.61	3.35	3.14	2.96	2.81	2.68	2.57	2.47	2.39	2.31	2.24	2.17	2.11	2.06	2.01
	I, II (f)	8.79	6.23	5.09	4.41	3.96	3.61	3.35	3.14	2.96	2.81	2.68	2.57	2.47	2.39	2.31	2.24	2.17	2.11	2.06	2.01
	III (f)	7.87	6.23	5.09	4.41	3.96	3.61	3.35	3.14	2.96	2.81	2.68	2.57	2.47	2.39	2.31	2.24	2.17	2.11	2.06	2.01
Two-span	I, II, III (f)	8.79	6.23	5.09	4.41	3.95	3.61	3.35	3.14	2.96	2.81	2.68	2.57	2.47	2.39	2.31	2.24	2.17	2.11	2.06	2.01
Three-span	I, II, III (f)	8.79	6.23	5.09	4.41	3.95	3.61	3.35	3.14	2.96	2.81	2.68	2.57	2.47	2.39	2.31	2.24	2.17	2.11	2.06	2.01

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 100 0,63/0,63

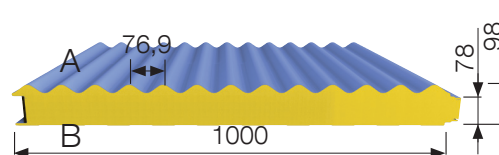


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴³ 16.20	⁶⁰ 11.52	⁷³ 9.38	⁸⁴ 8.10	⁹³ 7.21	¹⁰¹ 6.55	¹⁰³ 5.71	¹⁰⁴ 5.04	¹⁰⁴ 4.52	¹⁰⁵ 4.10	¹⁰⁶ 3.75	¹⁰⁶ 3.46	¹⁰⁷ 3.22	¹⁰⁸ 3.02	¹⁰⁹ 2.84	¹¹⁰ 2.68	¹¹¹ 2.54	¹¹¹ 2.41	¹¹² 2.30	¹¹³ 2.20
	I. II. III (f)	⁴⁰ 8.10	⁴⁰ 6.70	⁴⁶ 5.90	⁵⁵ 5.35	⁶⁴ 4.94	⁷¹ 4.61	⁷⁸ 4.34	⁸⁵ 4.11	⁹⁰ 3.91	⁹⁶ 3.73	¹⁰¹ 3.58	¹⁰⁶ 3.44	¹⁰⁷ 3.22	¹⁰⁸ 3.02	¹⁰⁹ 2.84	¹¹⁰ 2.68	¹¹¹ 2.54	¹¹¹ 2.41	¹¹² 2.30	¹¹³ 2.20
Two-span	I. II. III (f)	⁴⁰ 7.36	⁴⁰ 5.81	⁴⁰ 5.10	⁴⁸ 4.66	⁵⁶ 4.36	⁶⁴ 4.13	⁷¹ 3.91	⁷⁴ 3.57	⁷⁶ 3.30	⁷⁹ 3.08	⁸² 2.89	⁸⁴ 2.72	⁸⁶ 2.58	⁸⁸ 2.46	⁹⁰ 2.35	⁹² 2.25	⁹⁴ 2.16	⁹⁶ 2.08	⁹⁸ 2.01	⁹⁹ 1.94
		⁶⁰ 6.00	⁶⁸ 5.00	⁸⁵ 4.50	¹⁰⁰ 4.00	¹¹⁴ 3.60	¹²⁷ 3.30	¹⁴¹ 3.00	¹⁴⁷ 2.70	¹⁵² 2.40	¹⁵⁸ 2.10	¹⁶³ 1.80	¹⁶⁷ 1.60	¹⁷² 1.40	¹⁷⁶ 1.20	¹⁸⁰ 1.00	¹⁸⁴ 0.90	¹⁸⁸ 0.80	¹⁹¹ 0.70	¹⁹⁵ 0.60	¹⁹⁸ 0.50
Three-span	I. II. III (f)	⁴⁰ 9.03	⁴⁰ 6.73	⁴⁵ 5.71	⁵³ 5.10	⁶⁰ 4.68	⁶⁸ 4.37	⁷⁴ 4.13	⁸¹ 3.93	⁸⁶ 3.71	⁸⁸ 3.43	⁹⁰ 3.20	⁹² 3.00	⁹⁴ 2.83	⁹⁶ 2.68	⁹⁸ 2.55	¹⁰⁰ 2.44	¹⁰¹ 2.33	¹⁰³ 2.24	¹⁰⁵ 2.15	¹⁰⁶ 2.07
		⁶⁰ 7.50	⁷⁰ 6.00	⁸⁹ 5.25	¹⁰⁵ 4.50	¹²⁰ 4.00	¹³⁵ 3.60	¹⁴⁸ 3.30	¹⁶¹ 3.00	¹⁷¹ 2.70	¹⁷⁶ 2.40	¹⁸⁰ 2.10	¹⁸⁴ 1.80	¹⁸⁸ 1.60	¹⁹² 1.40	¹⁹⁶ 1.20	²⁰⁰ 1.00	²⁰² 0.90	²⁰⁶ 0.80	²⁰⁹ 0.70	²¹² 0.60

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 100 0,63/0,63

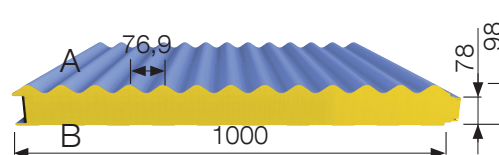


Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I (f)	9.75	6.90	5.64	4.89	4.38	4.00	3.71	3.47	3.28	3.11	2.97	2.85	2.74	2.64	2.55	2.47	2.40	2.34	2.24	2.14
	II, III	9.75	6.90	5.64	4.89	4.38	4.00	3.71	3.47	3.28	3.11	2.97	2.85	2.74	2.64	2.55	2.47	2.40	2.34	2.24	2.14
	II (f)	9.28	6.90	5.64	4.89	4.38	4.00	3.71	3.47	3.28	3.11	2.97	2.85	2.74	2.64	2.55	2.47	2.40	2.34	2.24	2.14
	III (f)	8.01	6.90	5.64	4.89	4.38	4.00	3.71	3.47	3.28	3.11	2.97	2.85	2.74	2.64	2.55	2.47	2.40	2.34	2.24	2.14
Two-span	I, II, III (f)	9.75	6.90	5.64	4.89	4.38	4.00	3.71	3.47	3.28	3.11	2.97	2.85	2.74	2.64	2.55	2.47	2.40	2.34	2.24	2.14
Three-span	I, II, III (f)	9.75	6.90	5.64	4.89	4.38	4.00	3.71	3.47	3.28	3.11	2.97	2.85	2.74	2.64	2.55	2.47	2.40	2.34	2.24	2.14

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 100 0,63/0,75

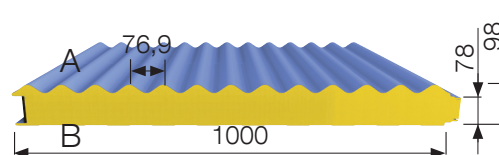


Wind pressure load

Structural System	Colour group	Wind pressure load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	⁴⁴ 16.34	⁶¹ 11.61	⁷⁴ 9.46	⁸⁴ 8.16	⁹⁴ 7.27	¹⁰² 6.60	¹⁰³ 5.70	¹⁰³ 5.03	¹⁰⁴ 4.51	¹⁰⁵ 4.09	¹⁰⁶ 3.75	¹⁰⁶ 3.46	¹⁰⁷ 3.22	¹⁰⁸ 3.01	¹⁰⁹ 2.83	¹⁰⁹ 2.67	¹¹⁰ 2.53	¹¹¹ 2.41	¹¹² 2.30	¹¹³ 2.20
	I. II. III (f)	⁴⁰ 8.25	⁴⁰ 6.83	⁴⁷ 6.01	⁵⁷ 5.45	⁶⁵ 5.03	⁷³ 4.70	⁸⁰ 4.42	⁸⁶ 4.18	⁹² 3.98	⁹⁸ 3.80	¹⁰³ 3.64	¹⁰⁶ 3.46	¹⁰⁷ 3.22	¹⁰⁸ 3.01	¹⁰⁹ 2.83	¹⁰⁹ 2.67	¹¹⁰ 2.53	¹¹¹ 2.41	¹¹² 2.30	¹¹³ 2.20
Two-span	I. II. III (f)	⁴⁰ 7.51	⁴⁰ 5.96	⁴¹ 5.24	⁵⁰ 4.80	⁵⁸ 4.49	⁶⁶ 4.25	⁷⁰ 3.87	⁷³ 3.54	⁷⁶ 3.28	⁷⁹ 3.06	⁸¹ 2.87	⁸³ 2.71	⁸⁶ 2.57	⁸⁸ 2.45	⁹⁰ 2.34	⁹² 2.24	⁹⁴ 2.16	⁹⁶ 2.08	⁹⁷ 2.00	⁹⁹ 1.94
		⁶⁰ 6.00	⁷¹ 5.00	⁸⁸ 4.40	¹⁰³ 3.90	¹¹⁸ 3.50	¹³¹ 3.20	¹³⁹ 2.90	¹⁴⁵ 2.70	¹⁵¹ 2.50	¹⁵⁷ 2.30	¹⁶² 2.10	¹⁶⁶ 1.90	¹⁷¹ 1.75	¹⁷⁵ 1.60	¹⁸⁰ 1.45	¹⁸³ 1.30	¹⁸⁸ 1.15	¹⁹¹ 1.00	¹⁹⁴ 0.85	¹⁹⁸ 0.70
Three-span	I. II. III (f)	⁴⁰ 9.23	⁴⁰ 6.89	⁴⁶ 5.85	⁵⁴ 5.23	⁶² 4.80	⁶⁹ 4.49	⁷⁶ 4.24	⁸² 4.00	⁸⁵ 3.67	⁸⁷ 3.40	⁹⁰ 3.17	⁹² 2.98	⁹⁴ 2.81	⁹⁵ 2.66	⁹⁷ 2.53	⁹⁹ 2.42	¹⁰¹ 2.31	¹⁰² 2.22	¹⁰⁴ 2.14	¹⁰⁶ 2.06
		⁶⁰ 7.50	⁷² 6.00	⁹¹ 5.00	¹⁰⁸ 4.40	¹²⁴ 3.90	¹³⁸ 3.50	¹⁵² 3.10	¹⁶⁴ 2.80	¹⁶⁹ 2.50	¹⁷⁴ 2.30	¹⁷⁹ 2.10	¹⁸³ 1.90	¹⁸⁷ 1.75	¹⁹⁰ 1.60	¹⁹⁴ 1.45	¹⁹⁸ 1.30	²⁰¹ 1.15	²⁰⁴ 1.00	²⁰⁸ 0.85	²¹¹ 0.70

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

FischerTHERM WL 100 0,63/0,75



Wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I (f)	10.12	7.16	5.85	5.07	4.55	4.15	3.85	3.60	3.40	3.23	3.08	2.95	2.84	2.74	2.65	2.56	2.46	2.34	2.24	2.14
	II, III	10.12	7.16	5.85	5.07	4.55	4.15	3.85	3.60	3.40	3.23	3.08	2.95	2.84	2.74	2.65	2.56	2.46	2.34	2.24	2.14
	II (f)	9.43	7.16	5.85	5.07	4.55	4.15	3.85	3.60	3.40	3.23	3.08	2.95	2.84	2.74	2.65	2.56	2.46	2.34	2.24	2.14
	III (f)	8.10	7.05	5.85	5.07	4.54	4.15	3.85	3.60	3.40	3.23	3.08	2.95	2.84	2.74	2.65	2.56	2.46	2.34	2.24	2.14
Two-span	I, II, III (f)	10.12	7.16	5.85	5.07	4.54	4.15	3.85	3.60	3.40	3.23	3.08	2.95	2.84	2.74	2.65	2.56	2.46	2.34	2.23	2.14
Three-span	I, II, III (f)	10.12	7.16	5.85	5.07	4.54	4.15	3.85	3.60	3.40	3.23	3.08	2.95	2.84	2.74	2.65	2.56	2.46	2.34	2.23	2.14

The information on how to use the tables (see page 6) is to be considered. The following spans have been analysed for the most unfavourable load case combination of wind and temperature.

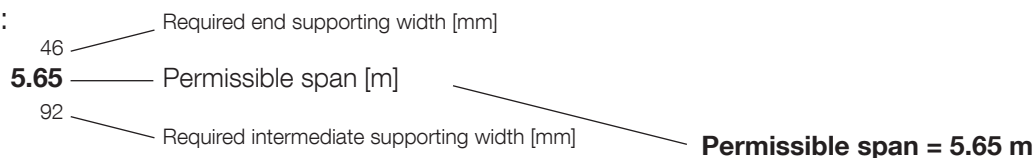
INFORMATION ON THE ROOF ELEMENT TABLES

When using the tables, please note:

- The characteristic loads should be determined according to the applicable regulations (e.g., DIN standards, Eurocodes).
- The minimum span for the actual application should be selected from the two tables (i.e. snow and wind suction).
- The values for roof elements only apply to closed buildings in the sense of EC 1 (DIN EN V 1991-1-1) or DIN 1055, part 4 (wind only as wind suction, i.e. acting from beneath to the top).
- For two- and three-span girders, only approximately equal span ratios are permissible (approx. $1.0 \leq \min. l/\max. l \leq 0.8$).
- For colour groups I (very light), II (light) and III (dark), see approval, appendix A, para. 3.4.2.
- The table of spans applies to buildings with normal indoor conditions (e.g. no cold stores, deep-freeze stores or ripening chambers).
- Permissible spans are quoted in meters [m]. For the required supporting widths, see also the example below.
- Maximum deflection is $l/100$ under most unfavourable conditions, please refer to approval, appendix A, para. 7.6 including long-term behaviour (additional line for colour group marked with (f) and highlighted in grey).
- The quoted spans apply to multi span girders for a maximum of 3 screws per intermediate support line and meter. For more than 3 screws per m, the crease stress as defined in the approval must be checked.
- Structural analyses for fasteners (screw head deflection and anchoring against wind suction) are to be provided on a case by case basis.
- Special information on strength, design parameters and their supervision should be taken from the structural analysis for the type concerned.
- The data is based on approval no. Z-10.4-179 dated November 15, 2006.

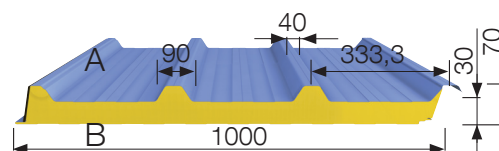
EXAMPLE

from table „Snow load“:



from table „Wind suction“: **6.05** Permissible span [m]

FischerTHERM DL 70 0,55/0,45



Permissible purlin spacing L [m] for Snow load

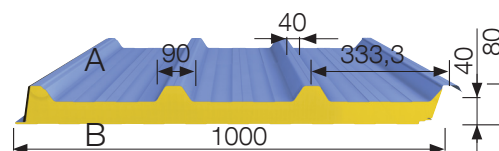
Structural System	Colour group	Snow load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	40	40	40	41	44	47	50	52	55	57	59	61	63	65	67	69	70	72	74	76
	I. II. III (f)	5.60	4.14	3.37	2.88	2.54	2.29	2.10	1.94	1.81	1.71	1.62	1.54	1.47	1.41	1.36	1.31	1.26	1.22	1.19	1.16
Two-span	I. II. III (f)	40	40	40	41	44	47	50	52	55	57	59	61	63	65	67	69	70	72	74	76
		5.60	4.14	3.37	2.88	2.54	2.29	2.10	1.94	1.81	1.71	1.62	1.54	1.47	1.41	1.36	1.31	1.26	1.22	1.19	1.16
Three-span	I. II. III (f)	40	40	40	41	44	47	50	52	55	57	59	61	63	65	67	69	70	72	74	76
		5.60	4.14	3.37	2.88	2.54	2.29	2.10	1.94	1.81	1.71	1.62	1.54	1.47	1.41	1.36	1.31	1.26	1.22	1.19	1.16

Permissible purlin spacing L [m] for wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I. II. III (f)	7.79	4.90	3.92	3.39	3.05	2.80	2.62	2.47	2.35	2.24	2.12	2.00	1.90	1.81	1.73	1.66	1.59	1.53	1.48	1.43
Two-span	I. II. III (f)	7.79	4.90	3.92	3.39	3.05	2.80	2.62	2.47	2.35	2.24	2.12	2.00	1.90	1.81	1.73	1.66	1.59	1.53	1.48	1.43
Three-span	I. II. III (f)	7.79	4.90	3.92	3.39	3.05	2.80	2.62	2.47	2.35	2.24	2.12	2.00	1.90	1.81	1.73	1.66	1.59	1.53	1.48	1.43

The information on how to use the tables (see page 50) is to be considered. The following spans have been analysed for the most unfavourable load case combination of dead weight, snow, wind, temperature and long-term effect.

FischerTHERM DL 80 0,55/0,45



Permissible purlin spacing L [m] for Snow load

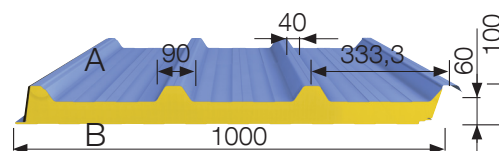
Structural System	Colour group	Snow load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	40 6.41	40 4.70	42 3.79	46 3.21	49 2.81	52 2.51	54 2.28	57 2.09	59 1.94	61 1.82	63 1.72	65 1.63	67 1.55	68 1.48	70 1.42	72 1.37	74 1.32	75 1.27	76 1.23	78 1.20
	I. II. III (f)	40 5.76	40 4.66	42 3.79	46 3.21	49 2.81	52 2.51	54 2.28	57 2.09	59 1.94	61 1.82	63 1.72	65 1.63	67 1.55	68 1.48	70 1.42	72 1.37	74 1.32	75 1.27	76 1.23	78 1.20
Two-span	I. II. III (f)	40 6.41	40 4.70	42 3.79	46 3.21	49 2.81	52 2.51	54 2.28	57 2.09	59 1.94	61 1.82	63 1.72	65 1.63	67 1.55	68 1.48	70 1.42	72 1.37	74 1.32	75 1.27	76 1.23	78 1.20
		60	73	83	91	97	103	108	113	117	121	125	129	133	136	140	144	147	149	152	156
Three-span	I. II. III (f)	40 6.41	40 4.70	42 3.79	46 3.21	49 2.81	52 2.51	54 2.28	57 2.09	59 1.94	61 1.82	63 1.72	65 1.63	67 1.55	68 1.48	70 1.42	72 1.37	74 1.32	75 1.27	76 1.23	78 1.20
		60	73	83	91	97	103	108	113	117	121	125	129	133	136	140	144	147	149	152	156

Permissible purlin spacing L [m] for wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I. II. III (f)	8.58	5.36	4.27	3.68	3.29	3.02	2.81	2.64	2.50	2.39	2.30	2.21	2.13	2.03	1.93	1.84	1.77	1.70	1.63	1.57
Two-span	I. II. III (f)	8.31	5.36	4.27	3.68	3.29	3.02	2.81	2.64	2.50	2.39	2.30	2.21	2.13	2.03	1.93	1.84	1.77	1.70	1.63	1.57
Three-span	I. II. III (f)	8.58	5.36	4.27	3.68	3.29	3.02	2.81	2.64	2.51	2.39	2.30	2.21	2.13	2.03	1.93	1.84	1.77	1.70	1.63	1.57

The information on how to use the tables (see page 50) is to be considered. The following spans have been analysed for the most unfavourable load case combination of dead weight, snow, wind, temperature and long-term effect.

FischerTHERM DL 100 0,55/0,45



Permissible purlin spacing L [m] for Snow load

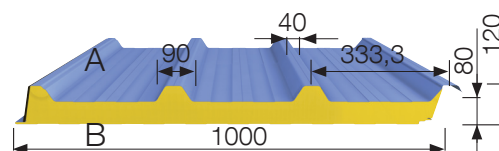
Structural System	Colour group	Snow load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	40 8.04	40 5.89	42 4.73	45 3.97	48 3.43	50 3.02	52 2.70	53 2.45	55 2.25	56 2.08	57 1.94	58 1.82	59 1.72	61 1.64	62 1.56	63 1.49	64 1.43	65 1.38	66 1.33	68 1.29
	I. II. III (f)	40 6.78	40 5.43	41 4.65	45 3.97	48 3.43	50 3.02	52 2.70	53 2.45	55 2.25	56 2.08	57 1.94	58 1.82	59 1.72	61 1.64	62 1.56	63 1.49	64 1.43	65 1.38	66 1.33	68 1.29
Two-span	I. II. III (f)	40 7.26	40 5.26	40 4.24	41 3.62	45 3.19	48 2.88	50 2.64	53 2.45	55 2.25	56 2.08	57 1.94	58 1.82	59 1.72	61 1.64	62 1.56	63 1.49	64 1.43	65 1.38	66 1.33	68 1.29
		60	66	75	82	89	95	100	106	109	111	113	116	118	121	123	125	127	130	132	135
Three-span	I. II. III (f)	40 8.04	40 5.89	42 4.73	45 3.97	48 3.43	50 3.02	52 2.70	53 2.45	55 2.25	56 2.08	57 1.94	58 1.82	59 1.72	61 1.64	62 1.56	63 1.49	64 1.43	65 1.38	66 1.33	68 1.29
		60	74	83	90	95	99	103	106	109	111	113	116	118	121	123	125	127	130	132	135

Permissible purlin spacing L [m] for wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I. II. III (f)	9.50	5.88	4.66	3.99	3.56	3.25	3.01	2.83	2.68	2.55	2.44	2.35	2.27	2.19	2.13	2.07	2.02	1.97	1.93	1.89
Two-span	I. II. III (f)	7.26	5.88	4.66	3.99	3.56	3.25	3.01	2.83	2.68	2.55	2.44	2.35	2.27	2.19	2.13	2.05	1.97	1.90	1.83	1.77
Three-span	I. II. III (f)	9.50	5.88	4.66	3.99	3.56	3.25	3.01	2.83	2.68	2.55	2.44	2.35	2.27	2.19	2.13	2.07	2.02	1.97	1.93	1.89

The information on how to use the tables (see page 50) is to be considered. The following spans have been analysed for the most unfavourable load case combination of dead weight, snow, wind, temperature and long-term effect.

FischerTHERM DL 120 0,55/0,45



Permissible purlin spacing L [m] for Snow load

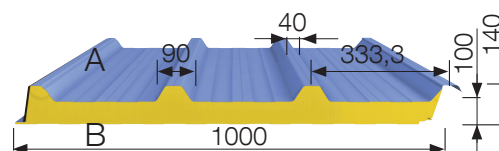
Structural System	Colour group	Snow load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	40 9.49	44 6.99	50 5.61	54 4.70	57 4.03	58 3.52	60 3.12	61 2.80	62 2.54	62 2.32	63 2.15	64 2.00	65 1.88	66 1.77	67 1.68	68 1.60	68 1.53	69 1.46	70 1.41	71 1.36
	I. II. III (f)	40 7.61	40 6.05	46 5.14	52 4.53	57 4.03	58 3.52	60 3.12	61 2.80	62 2.54	62 2.32	63 2.15	64 2.00	65 1.88	66 1.77	67 1.68	68 1.60	68 1.53	69 1.46	70 1.41	71 1.36
Two-span	I. II. III (f)	40 7.74	40 5.55	40 4.45	43 3.78	47 3.32	50 2.98	52 2.72	55 2.52	57 2.36	60 2.22	62 2.10	64 2.00	65 1.88	66 1.77	67 1.68	68 1.60	68 1.53	69 1.46	70 1.41	71 1.36
		60	70	79	86	93	99	104	109	114	119	123	127	129	131	133	135	136	138	140	142
Three-span	I. II. III (f)	40 8.72	40 6.22	44 4.97	48 4.21	52 3.70	55 3.32	58 3.03	61 2.80	62 2.54	62 2.32	63 2.15	64 2.00	65 1.88	66 1.77	67 1.68	68 1.60	68 1.53	69 1.46	70 1.41	71 1.36
		66	79	88	96	104	110	116	121	123	124	126	127	129	131	133	135	136	138	140	142

Permissible purlin spacing L [m] for wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I. II. III (f)	11.02	6.70	5.27	4.50	4.00	3.64	3.37	3.16	2.98	2.84	2.71	2.60	2.51	2.43	2.35	2.28	2.22	2.17	2.12	2.07
Two-span	I. II. III (f)	7.74	6.70	5.27	4.50	4.00	3.64	3.37	3.16	2.98	2.84	2.71	2.60	2.51	2.38	2.27	2.17	2.08	2.00	1.93	1.86
Three-span	I. II. III (f)	10.45	6.70	5.27	4.50	4.00	3.64	3.37	3.16	2.98	2.84	2.71	2.60	2.51	2.43	2.35	2.28	2.22	2.16	2.08	2.01

The information on how to use the tables (see page 50) is to be considered. The following spans have been analysed for the most unfavourable load case combination of dead weight, snow, wind, temperature and long-term effect.

FischerTHERM DL 140 0,55/0,45



Permissible purlin spacing L [m] for Snow load

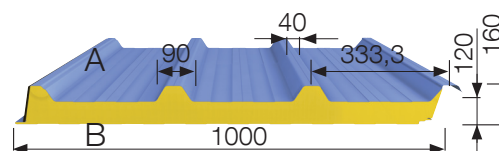
Structural System	Colour group	Snow load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	47 10.80	58 8.03	65 6.48	68 5.31	71 4.52	73 3.96	76 3.56	78 3.21	78 2.88	78 2.62	79 2.40	79 2.22	79 2.06	80 1.93	80 1.82	81 1.72	82 1.64	82 1.56	83 1.50	84 1.44
	I. II. III (f)	40 8.37	48 6.66	56 5.64	64 4.95	70 4.44	73 3.96	76 3.56	78 3.21	78 2.88	78 2.62	79 2.40	79 2.22	79 2.06	80 1.93	80 1.82	81 1.72	82 1.64	82 1.56	83 1.50	84 1.44
Two-span	I. II. III (f)	40 5.34	40 5.34	47 4.64	50 3.92	54 3.44	57 3.08	60 2.81	63 2.60	66 2.42	68 2.28	70 2.15	73 2.05	75 1.95	77 1.87	79 1.80	81 1.72	82 1.64	82 1.56	83 1.50	84 1.44
		60 5.34	76 5.34	93 4.64	100 3.92	108 3.44	114 3.08	120 2.81	126 2.60	131 2.42	136 2.28	140 2.15	145 2.05	149 1.95	154 1.87	158 1.80	161 1.72	163 1.64	164 1.56	166 1.50	167 1.44
Three-span	I. II. III (f)	40 7.05	47 6.48	52 5.16	56 4.36	60 3.81	63 3.41	67 3.11	70 2.87	73 2.68	75 2.52	78 2.38	79 2.22	79 2.06	80 1.93	80 1.82	81 1.72	82 1.64	82 1.56	83 1.50	84 1.44
		61 7.05	93 6.48	103 5.16	112 4.36	119 3.81	126 3.41	133 3.11	139 2.87	145 2.68	150 2.52	155 2.38	158 2.22	158 2.06	159 1.93	160 1.82	161 1.72	163 1.64	164 1.56	166 1.50	167 1.44

Permissible purlin spacing L [m] for wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I. II. III (f)	11.16	6.64	5.19	4.42	3.93	3.57	3.30	3.09	2.92	2.77	2.65	2.54	2.45	2.37	2.30	2.23	2.17	2.12	2.06	2.02
Two-span	I. II. III (f)	5.34	5.34	5.19	4.42	3.93	3.57	3.30	3.09	2.92	2.77	2.65	2.54	2.45	2.37	2.30	2.23	2.17	2.10	2.02	1.95
Three-span	I. II. III (f)	7.05	6.64	5.19	4.42	3.93	3.57	3.30	3.09	2.92	2.77	2.65	2.54	2.45	2.37	2.30	2.23	2.17	2.11	2.06	2.02

The information on how to use the tables (see page 50) is to be considered. The following spans have been analysed for the most unfavourable load case combination of dead weight, snow, wind, temperature and long-term effect.

FischerTHERM DL 160 0,55/0,45



Permissible purlin spacing L [m] for Snow load

Structural System	Colour group	Snow load in kN/m ²																			
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Single-span	I. II. III	53 11.77	64 8.78	72 7.09	77 5.94	81 5.08	82 4.40	83 3.85	83 3.40	83 3.04	82 2.74	82 2.49	82 2.28	82 2.12	82 1.97	82 1.85	82 1.75	83 1.66	83 1.58	84 1.51	85 1.45
	I. II. III (f)	40 8.67	50 6.87	59 5.79	66 5.06	72 4.52	77 4.11	81 3.78	83 3.40	83 3.04	82 2.74	82 2.49	82 2.28	82 2.12	82 1.97	82 1.85	82 1.75	83 1.66	83 1.58	84 1.51	85 1.45
Two-span	I. II. III (f)	40 5.04	40 5.04	48 4.66	51 3.94	55 3.45	58 3.10	61 2.82	64 2.61	66 2.43	69 2.29	71 2.16	74 2.06	76 1.96	78 1.88	80 1.81	82 1.75	83 1.66	83 1.58	84 1.51	85 1.45
		60	74	95	102	109	116	121	127	132	137	142	147	151	155	160	164	165	166	168	169
Three-span	I. II. III (f)	40 5.80	43 5.80	52 5.15	57 4.35	60 3.80	64 3.41	67 3.11	70 2.87	73 2.68	76 2.52	78 2.38	81 2.27	82 2.12	82 1.97	82 1.85	82 1.75	83 1.66	83 1.58	84 1.51	85 1.45
		60	85	104	113	120	127	134	140	146	151	156	162	163	163	163	164	165	166	168	169

Permissible purlin spacing L [m] for wind suction load

Structural System	Colour group	Wind suction in kN/m ²																			
		-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	-4.25	-4.50	-4.75	-5.00
Single-span	I. II. III (f)	12.20	7.00	5.44	4.62	4.09	3.72	3.44	3.21	3.03	2.88	2.75	2.64	2.54	2.46	2.38	2.31	2.25	2.19	2.14	2.09
Two-span	I. II. III (f)	5.04	5.04	5.04	4.62	4.09	3.72	3.44	3.21	3.03	2.88	2.75	2.64	2.54	2.46	2.38	2.31	2.23	2.14	2.05	1.98
Three-span	I. II. III (f)	5.80	5.80	5.44	4.62	4.09	3.72	3.44	3.21	3.03	2.88	2.75	2.64	2.54	2.46	2.38	2.31	2.25	2.19	2.14	2.09

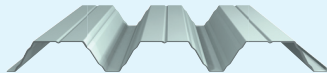
The information on how to use the tables (see page 50) is to be considered. The following spans have been analysed for the most unfavourable load case combination of dead weight, snow, wind, temperature and long-term effect.

Product range

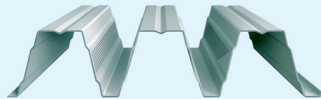
FischerTHERM



FischerTRAPEZ



FischerTRAPEZ-Acoustic



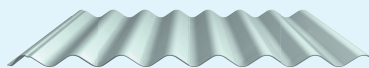
FischerKASSETTE



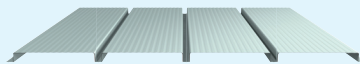
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FischerWELLE



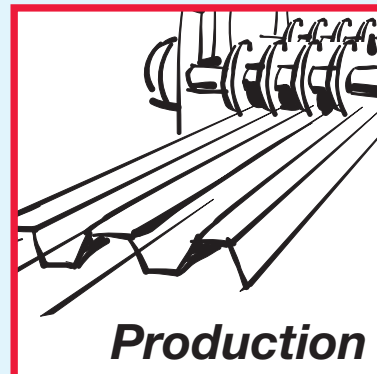
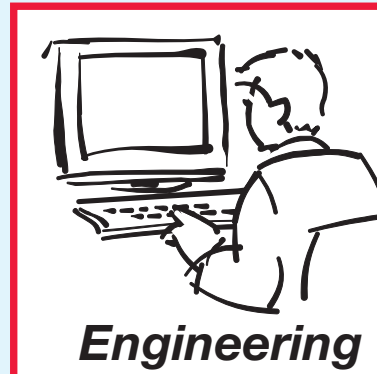
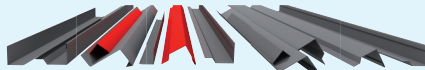
FischerPANEEL



FischerKLIPTEC



Flashings and
accessories



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