

## Allowable span tables for roof-panels ISO COP TL 30, tN = 0,50/0,50 mm

The given allowable spans are designed according to EN 14509 and on the base of German approval no. Z-10.49-574 for the worst load combination due of wind and temperature. The explanations given at page 2/40 are to be considered.

Table W.1: Snow Load

System		Color group	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4	4.25	4.5	4.75	5
			40	40	40	40	40	40	40	41	43	44	46	48	49	51	52	53	55	56	57	59
1 - SPAN	I	4.52	3.99	3.23	2.76	2.42	2.18	1.99	1.84	1.72	1.61	1.52	1.45	1.38	1.33	1.28	1.23	1.19	1.15	1.12	1.09	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
		40	40	40	40	40	40	40	41	43	44	46	48	49	51	52	53	55	56	57	59	
	II	4.52	3.99	3.23	2.76	2.42	2.18	1.99	1.84	1.72	1.61	1.52	1.45	1.38	1.33	1.28	1.23	1.19	1.15	1.12	1.09	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
		40	40	40	40	40	40	40	41	43	44	46	48	49	51	52	53	55	56	57	59	
	III	4.52	3.99	3.23	2.76	2.42	2.18	1.99	1.84	1.72	1.61	1.52	1.45	1.38	1.33	1.28	1.23	1.19	1.15	1.12	1.09	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
		40	40	40	40	40	40	40	41	43	44	46	48	49	51	52	53	55	56	57	59	
2 - SPAN	I	40	40	40	40	40	40	40	40	41	43	44	46	48	49	50	50	50	50	50	51	51
		5.46	3.99	3.23	2.76	2.42	2.18	1.99	1.84	1.72	1.61	1.52	1.45	1.38	1.32	1.24	1.16	1.10	1.04	0.99	0.94	
		60	60	60	60	64	69	73	78	81	85	88	91	95	97	100	100	100	100	101	101	
	II	40	40	40	40	40	40	40	40	41	43	44	46	48	49	50	50	50	50	50	51	51
		5.46	3.99	3.23	2.76	2.42	2.18	1.99	1.84	1.72	1.61	1.52	1.45	1.38	1.32	1.24	1.16	1.10	1.04	0.99	0.94	
		60	60	60	60	64	69	73	78	81	85	88	91	95	97	100	100	100	100	101	101	
	III	40	40	40	40	40	40	40	40	41	43	44	46	48	49	50	50	50	50	50	51	51
		5.46	3.99	3.23	2.76	2.42	2.18	1.99	1.84	1.72	1.61	1.52	1.45	1.38	1.32	1.24	1.16	1.10	1.04	0.99	0.94	
		60	60	60	60	64	69	73	78	81	85	88	91	95	97	100	100	100	100	101	101	
3 - SPAN	I	40	40	40	40	40	40	40	40	41	43	44	46	48	49	50	50	50	50	50	51	51
		5.46	3.99	3.23	2.76	2.42	2.18	1.99	1.84	1.72	1.61	1.52	1.45	1.38	1.32	1.24	1.16	1.10	1.04	0.99	0.94	
		60	60	60	60	64	69	73	78	81	85	88	91	95	97	100	100	100	100	101	101	
	II	40	40	40	40	40	40	40	40	41	43	44	46	48	49	50	50	50	50	50	51	51
		5.46	3.99	3.23	2.76	2.42	2.18	1.99	1.84	1.72	1.61	1.52	1.45	1.38	1.32	1.24	1.16	1.10	1.04	0.99	0.94	
		60	60	60	60	64	69	73	78	81	85	88	91	95	97	100	100	100	100	101	101	
	III	40	40	40	40	40	40	40	40	41	43	44	46	48	49	50	50	50	50	50	51	51
		5.46	3.99	3.23	2.76	2.42	2.18	1.99	1.84	1.72	1.61	1.52	1.45	1.38	1.32	1.24	1.16	1.10	1.04	0.99	0.94	
		60	60	60	60	64	69	73	78	81	85	88	91	95	97	100	100	100	100	101	101	

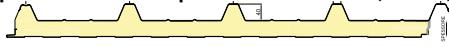
Allowable span tables for roof-panels ISOCP TL 40, tN = 0.50/0.50 mm

The given allowable spans are designed according to EN 14509 and on the base of German approval no. Z-10.49-574 for the worst load combination due of wind and temperature. The explanations given at page 2/40 are to be considered.

Table W.1: Snow Load

System		Color group	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4	4.25	4.5	4.75	5
1 - SPAN	I	40	40	40	40	40	41	43	45	46	48	49	51	52	53	55	56	57	58	60	60	
		5.06	4.58	3.68	3.10	2.70	2.40	2.18	2.00	1.85	1.73	1.62	1.54	1.46	1.40	1.34	1.29	1.24	1.20	1.16	1.12	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	II	40	40	40	40	40	41	43	45	46	48	49	51	52	53	55	56	57	58	60	60	
		5.06	4.58	3.68	3.10	2.70	2.40	2.18	2.00	1.85	1.73	1.62	1.54	1.46	1.40	1.34	1.29	1.24	1.20	1.16	1.12	
	III	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
		40	40	40	40	40	41	43	45	46	48	49	51	52	53	55	56	57	58	60	60	
		5.06	4.58	3.68	3.10	2.70	2.40	2.18	2.00	1.85	1.73	1.62	1.54	1.46	1.40	1.34	1.29	1.24	1.20	1.16	1.12	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
2 - SPAN	I	40	40	40	40	40	41	43	45	46	48	49	50	50	50	50	50	50	50	51	51	
		5.81	4.27	3.49	3.01	2.68	2.40	2.18	2.00	1.85	1.73	1.62	1.54	1.42	1.32	1.24	1.16	1.09	1.03	0.99	0.94	
		60	60	63	70	76	81	85	89	92	95	97	100	100	100	100	100	100	101	101	101	
	II	40	40	40	40	40	41	43	45	46	48	49	50	50	50	50	50	50	50	51	51	
		5.81	4.27	3.49	3.01	2.68	2.40	2.18	2.00	1.85	1.73	1.62	1.54	1.42	1.32	1.24	1.16	1.09	1.03	0.99	0.94	
	III	60	60	63	70	76	81	85	89	92	95	97	100	100	100	100	100	100	100	101	101	
		40	40	40	40	40	41	43	45	46	48	49	50	50	50	50	50	50	50	51	51	
		5.81	4.27	3.49	3.01	2.68	2.40	2.18	2.00	1.85	1.73	1.62	1.54	1.42	1.32	1.24	1.16	1.09	1.03	0.99	0.94	
		60	60	63	70	76	81	85	89	92	95	97	100	100	100	100	100	100	101	101	101	
3 - SPAN	I	40	40	40	40	40	41	43	45	46	48	49	50	50	50	50	50	50	50	50	51	51
		6.28	4.58	3.68	3.10	2.70	2.40	2.18	2.00	1.85	1.73	1.62	1.54	1.42	1.32	1.24	1.16	1.09	1.03	0.99	0.94	
		60	60	66	72	77	81	85	89	92	95	97	100	100	100	100	100	100	101	101	101	
	II	40	40	40	40	40	41	43	45	46	48	49	50	50	50	50	50	50	50	51	51	
		6.28	4.58	3.68	3.10	2.70	2.40	2.18	2.00	1.85	1.73	1.62	1.54	1.42	1.32	1.24	1.16	1.09	1.03	0.99	0.94	
	III	60	60	66	72	77	81	85	89	92	95	97	100	100	100	100	100	100	101	101	101	
		40	40	40	40	40	41	43	45	46	48	49	50	50	50	50	50	50	50	51	51	
		6.28	4.58	3.68	3.10	2.70	2.40	2.18	2.00	1.85	1.73	1.62	1.54	1.42	1.32	1.24	1.16	1.09	1.03	0.99	0.94	
		60	60	66	72	77	81	85	89	92	95	97	100	100	100	100	100	100	101	101	101	

### Allowable span tables for roof-panels ISOCOP TL 60, tN = 0,50/0,50 mm



The given allowable spans are designed according to EN 14509 and on the base of German approval no. Z-10.49-574 for the worst load combination due of wind and temperature. The explanations given at page 2/40 are to be considered.

Table W.1: Snow Load

System	Color group	0,25	0,5	0,75	1	1,25	1,5	1,75	2	2,25	2,5	2,75	3	3,25	3,5	3,75	4	4,25	4,5	4,75	5	
1 - SPAN	I	40	40	43	46	49	51	52	54	55	56	57	58	59	60	60	60	60	60	60	60	
		6,17	5,71	4,69	3,94	3,40	2,98	2,66	2,40	2,20	2,02	1,88	1,76	1,66	1,57	1,48	1,39	1,31	1,24	1,18	1,12	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	II	40	40	43	46	49	51	52	54	55	56	57	58	59	60	60	60	60	60	60	60	
		6,17	5,71	4,69	3,94	3,40	2,98	2,66	2,40	2,20	2,02	1,88	1,76	1,66	1,57	1,48	1,39	1,31	1,24	1,18	1,12	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	III	40	40	43	46	49	51	52	54	55	56	57	58	59	60	60	60	60	60	60	60	60
		6,17	5,71	4,69	3,94	3,40	2,98	2,66	2,40	2,20	2,02	1,88	1,76	1,66	1,57	1,48	1,39	1,31	1,24	1,18	1,12	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
2 - SPAN	I	40	40	40	40	41	44	46	49	50	50	50	50	50	50	50	50	50	50	50	51	51
		6,36	4,64	3,76	3,22	2,85	2,57	2,36	2,19	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94	
		60	60	68	75	82	87	92	97	100	100	100	100	100	100	100	100	100	100	101	101	
	II	40	40	40	40	41	44	46	49	50	50	50	50	50	50	50	50	50	50	50	51	51
		6,36	4,64	3,76	3,22	2,85	2,57	2,36	2,19	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94	
		60	60	68	75	82	87	92	97	100	100	100	100	100	100	100	100	100	100	101	101	
	III	40	40	40	40	41	44	46	49	50	50	50	50	50	50	50	50	50	50	50	51	51
		6,36	4,64	3,76	3,22	2,85	2,57	2,36	2,19	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94	
		60	60	68	75	82	87	92	97	100	100	100	100	100	100	100	100	100	100	101	101	
3 - SPAN	I	40	40	40	42	46	49	50	50	50	50	50	50	50	50	50	50	50	50	50	51	51
		7,25	5,26	4,25	3,62	3,20	2,88	2,56	2,26	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94	
		60	67	77	84	92	98	100	100	100	100	100	100	100	100	100	100	100	100	101	101	
	II	40	40	40	42	46	49	50	50	50	50	50	50	50	50	50	50	50	50	50	51	51
		7,25	5,26	4,25	3,62	3,20	2,88	2,56	2,26	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94	
		60	67	77	84	92	98	100	100	100	100	100	100	100	100	100	100	100	100	101	101	
	III	40	40	40	42	46	49	50	50	50	50	50	50	50	50	50	50	50	50	50	51	51
		7,25	5,26	4,25	3,62	3,20	2,88	2,56	2,26	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94	
		60	67	77	84	92	98	100	100	100	100	100	100	100	100	100	100	100	100	101	101	

### Allowable span tables for roof-panels ISOCOP TL 50, tN = 0,50/0,50 mm



The given allowable spans are designed according to EN 14509 and on the base of German approval no. Z-10.49-574 for the worst load combination due of wind and temperature. The explanations given at page 2/40 are to be considered.

Table W.1: Snow Load

System	Color group	0,25	0,5	0,75	1	1,25	1,5	1,75	2	2,25	2,5	2,75	3	3,25	3,5	3,75	4	4,25	4,5	4,75	5	
1 - SPAN	I	40	40	40	41	43	45	47	49	50	51	53	54	55	56	58	59	60	60	60	60	
		5,61	5,20	4,17	3,50	3,03	2,67	2,40	2,18	2,01	1,86	1,74	1,64	1,56	1,48	1,41	1,35	1,30	1,24	1,18	1,12	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	II	40	40	40	41	43	45	47	49	50	51	53	54	55	56	58	59	60	60	60	60	
		5,61	5,20	4,17	3,50	3,03	2,67	2,40	2,18	2,01	1,86	1,74	1,64	1,56	1,48	1,41	1,35	1,30	1,24	1,18	1,12	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	III	40	40	40	41	43	45	47	49	50	51	53	54	55	56	58	59	60	60	60	60	60
		5,61	5,20	4,17	3,50	3,03	2,67	2,40	2,18	2,01	1,86	1,74	1,64	1,56	1,48	1,41	1,35	1,30	1,24	1,18	1,12	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
2 - SPAN	I	40	40	40	40	40	43	45	47	49	50	50	50	50	50	50	50	50	50	50	51	51
		6,09	4,46	3,63	3,12	2,76	2,50	2,30	2,14	2,01	1,83	1,67	1,53	1,42	1,32	1,24	1,16	1,09	1,03	0,98	0,94	
		60	60	65	73	79	85	90	95	100	100	100	100	100	100	100	100	100	100	101	101	
	II	40	40	40	40	40	40	43	45	48	50	50	50	50	50	50	50	50	50	50	51	51
		6,09	4,46	3,63	3,12	2,76	2,50	2,30	2,14	2,01	1,83	1,67	1,53	1,42	1,32	1,24	1,16	1,09	1,03	0,98	0,94	
		60	60	65	73	79	85	90	95	100	100	100	100	100	100	100	100	100	100	101	101	
	III	40	40	40	40	40	40	43	45	48	50	50	50	50	50	50	50	50	50	50	51	51
		6,09	4,46	3,63	3,12	2,76	2,50	2,30	2,14	2,01	1,83	1,67	1,53	1,42	1,32	1,24	1,16	1,09	1,03	0,98	0,94	
		60	60	65	73	79	85	90	95	100	100	100	100	100	100	100	100	100	100	101	101	
3 - SPAN	I	40	40	40	41	43	45	47	49	50	50	50	50	50	50	50	50	50	50	50	51	51
		6,96	5,07	4,11	3,50	3,03	2,67	2,40	2,18	2,01	1,83	1,67	1,53	1,42	1,32	1,24	1,16	1,09	1,03	0,98	0,94	
		60	64	74	81	86	90	94	97	100	100	100	100	100	100	100	100	100	100	101	101	
	II	40	40	40	41	43	45	47	49	50	50	50	50	50	50	50	50	50	50	50	51	51
		6,96	5,07	4,11	3,50	3,03	2,67	2,40	2,18	2,01	1,83	1,67	1,53	1,42	1,32	1,24	1,16	1,09	1,03	0,98	0,94	
		60	64	74	81	86	90	94	97	100	100	100	100	100	100	100	100	100	100	101	101	
	III	40	40	40	41	43	45	47	49	50	50	50	50									

### Allowable span tables for roof-panels ISOCOP TL 60, tN = 0,50/0,50 mm



The given allowable spans are designed according to EN 14509 and on the base of German approval no. Z-10.49-574 for the worst load combination due of wind and temperature. The explanations given at page 2/40 are to be considered.

Table W.1: Snow Load

System	Color group	0,25	0,5	0,75	1	1,25	1,5	1,75	2	2,25	2,5	2,75	3	3,25	3,5	3,75	4	4,25	4,5	4,75	5		
1 - SPAN	I	40	40	43	46	49	51	52	54	55	56	57	58	59	60	60	60	60	60	60	60		
		6,17	5,71	4,69	3,94	3,40	2,98	2,66	2,40	2,20	2,02	1,88	1,76	1,66	1,57	1,48	1,39	1,31	1,24	1,18	1,12		
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60		
	II	40	40	43	46	49	51	52	54	55	56	57	58	59	60	60	60	60	60	60	60		
		6,17	5,71	4,69	3,94	3,40	2,98	2,66	2,40	2,20	2,02	1,88	1,76	1,66	1,57	1,48	1,39	1,31	1,24	1,18	1,12		
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60		
	III	40	40	43	46	49	51	52	54	55	56	57	58	59	60	60	60	60	60	60	60	60	
		6,17	5,71	4,69	3,94	3,40	2,98	2,66	2,40	2,20	2,02	1,88	1,76	1,66	1,57	1,48	1,39	1,31	1,24	1,18	1,12		
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
2 - SPAN	I	40	40	40	40	41	44	46	49	50	50	50	50	50	50	50	50	50	50	50	51	51	
		6,36	4,64	3,76	3,22	2,85	2,57	2,36	2,19	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94		
		60	60	68	75	82	87	92	97	100	100	100	100	100	100	100	100	100	100	101	101	101	
	II	40	40	40	40	41	44	46	49	50	50	50	50	50	50	50	50	50	50	50	51	51	51
		6,36	4,64	3,76	3,22	2,85	2,57	2,36	2,19	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94		
		60	60	68	75	82	87	92	97	100	100	100	100	100	100	100	100	100	100	101	101	101	
	III	40	40	40	40	41	44	46	49	50	50	50	50	50	50	50	50	50	50	50	51	51	51
		6,36	4,64	3,76	3,22	2,85	2,57	2,36	2,19	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94		
		60	60	68	75	82	87	92	97	100	100	100	100	100	100	100	100	100	100	101	101	101	
3 - SPAN	I	40	40	40	42	46	49	50	50	50	50	50	50	50	50	50	50	50	50	50	51	51	51
		7,25	5,26	4,25	3,62	3,20	2,88	2,56	2,26	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94		
		60	67	77	84	92	98	100	100	100	100	100	100	100	100	100	100	100	100	101	101	101	
	II	40	40	40	42	46	49	50	50	50	50	50	50	50	50	50	50	50	50	50	51	51	51
		7,25	5,26	4,25	3,62	3,20	2,88	2,56	2,26	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94		
		60	67	77	84	92	98	100	100	100	100	100	100	100	100	100	100	100	100	101	101	101	
	III	40	40	40	42	46	49	50	50	50	50	50	50	50	50	50	50	50	50	50	51	51	51
		7,25	5,26	4,25	3,62	3,20	2,88	2,56	2,26	2,02	1,83	1,67	1,53	1,42	1,32	1,23	1,16	1,09	1,03	0,98	0,94		
		60	67	77	84	92	98	100	100	100	100	100	100	100	100	100	100	100	100	101	101	101	

### Allowable span tables for roof-panels ISOCOP TL 80, tN = 0,50/0,50 mm



The given allowable spans are designed according to EN 14509 and on the base of German approval no. Z-10.49-574 for the worst load combination due of wind and temperature. The explanations given at page 2/40 are to be considered.

Table W.1: Snow Load

System	Color group	0,25	0,5	0,75	1	1,25	1,5	1,75	2	2,25	2,5	2,75	3	3,25	3,5	3,75	4	4,25	4,5	4,75	5		
1 - SPAN	I	40	40	44	48	51	53	54	55	56	57	57	58	58	59	59	59	60	60	60	60	60	
		7,28	6,75	5,82	4,93	4,28	3,77	3,36	3,03	2,74	2,51	2,30	2,13	1,99	1,86	1,75	1,66	1,57	1,50	1,43	1,37		
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	II	40	40	44	48	51	53	54	55	56	57	57	58	58	59	59	59	60	60	60	60	60	60
		7,28	6,75	5,82	4,93	4,28	3,77	3,36	3,03	2,74	2,51	2,30	2,13	1,99	1,86	1,75	1,66	1,57	1,50	1,43	1,37		
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	III	40	40	44	48	51	53	54	55	56	57	57	58	58	59	59	59	60	60	60	60	60	60
		7,28	6,75	5,82	4,93	4,28	3,77	3,36	3,03	2,74	2,51	2,30	2,13	1,99	1,86	1,75	1,66	1,57	1,50	1,43	1,37		
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
2 - SPAN	I	40	40	40	40	40	44	48	50	54	55	56	57	57	58	58	59	59	59	60	60	60	60
		6,95	5,05	4,07	3,46	3,04	2,74	2,50	2,32	2,16	2,04	1,93	1,84	1,73	1,61	1,51	1,41	1,33	1,26	1,20	1,14		
		60	60	61	67	72	76	80	85	88	92	95	99	100	100	100	100	100	100	100	100	100	100
	II	40	40	40	40	40	40	40	43	44	46	48	50	50	50	50	50	50	50	50	50	50	50
		6,95	5,05	4,07	3,46	3,04	2,74	2,50	2,32	2,16	2,04	1,93	1,84	1,73	1,61	1,51	1,41	1,33	1,26	1,20	1,14		
		60	60	61	67	72	76	80	85	88	92	95	99	100	100	100	100	100	100	100	100	100	100
	III	40	40	40	40	40	40	40	43	44	46	48	50	50	50	50	50	50	50	50	50	50	50
		6,95	5,05	4,07	3,46	3,04	2,74	2,50	2,32	2,16	2,04	1,93	1,84	1,73	1,61	1,51	1,41	1,33	1,26	1,20	1,14		
		60	60	61	67	72	76	80	85	88	92	95	99	100	100	100	100	100	100	100	100	100	100
3 - SPAN	I	40	40	40	40	40	43	45	47	49	50	50	50	50	50	50	50	50	50	50	50	50	50
		7,90	5,71	4,58	3,88	3,40	3,05	2,78	2,57	2,40	2,23	2,03	1,87	1,73	1,61	1,51	1,41	1,33	1,26	1,20	1,14		
		60	61	68	75	80	85	89	94	98	100	100	100	100	100	100	100	100	100	100	100	100	
	II	40	40	40	40	40	43	45	47	49	50	50	50	50	50	50	50	50	50	50	50	50	50
		7,90	5,71	4,58	3,88	3,40	3,05	2,78	2,57	2,40	2,23	2,03	1,87	1,73	1,61	1,51	1,41	1,33	1,26	1,20	1,14		
		60	61	68	75	80	85	89															

## Allowable span tables for roof-panels ISOCOP TL 100, tN = 0,50/0,50 mm

The given allowable spans are designed according to EN 14509 and on the base of German approval no. Z-10.49-574 for the worst load combination due of wind and temperature. The explanations given at page 2/40 are to be considered.

*Table W.1: Snow Load*

System	Color group	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4	4.25	4.5	4.75	5
1 - SPAN	I	40	40	44	48	51	52	53	55	56	57	58	60	60	60	60	60	60	60	60	60
		8.33	7.76	6.90	5.90	5.07	4.40	3.90	3.52	3.22	2.98	2.78	2.62	2.45	2.28	2.13	2.00	1.88	1.77	1.68	1.60
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	II	40	40	44	48	51	52	53	55	56	57	58	60	60	60	60	60	60	60	60	60
		8.33	7.76	6.90	5.90	5.07	4.40	3.90	3.52	3.22	2.98	2.78	2.62	2.45	2.28	2.13	2.00	1.88	1.77	1.68	1.60
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	III	40	40	44	48	51	52	53	55	56	57	58	60	60	60	60	60	60	60	60	60
		8.33	7.76	6.90	5.90	5.07	4.40	3.90	3.52	3.22	2.98	2.78	2.62	2.45	2.28	2.13	2.00	1.88	1.77	1.68	1.60
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
2 - SPAN	I	40	40	40	40	40	40	40	40	40	41	43	44	45	47	48	49	50	50	50	50
		7.51	5.45	4.38	3.71	3.25	2.92	2.66	2.45	2.28	2.14	2.02	1.92	1.83	1.75	1.68	1.62	1.56	1.49	1.41	1.34
		60	60	60	61	65	69	73	76	79	82	85	88	90	93	95	98	100	100	100	100
	II	40	40	40	40	40	40	40	40	40	41	43	44	45	47	48	49	50	50	50	50
		7.51	5.45	4.38	3.71	3.25	2.92	2.66	2.45	2.28	2.14	2.02	1.92	1.83	1.75	1.68	1.62	1.56	1.49	1.41	1.34
		60	60	60	61	65	69	73	76	79	82	85	88	90	93	95	98	100	100	100	100
	III	40	40	40	40	40	40	40	40	40	41	43	44	45	47	48	49	50	50	50	50
		7.51	5.45	4.38	3.71	3.25	2.92	2.66	2.45	2.28	2.14	2.02	1.92	1.83	1.75	1.68	1.62	1.56	1.49	1.41	1.34
		60	60	60	61	65	69	73	76	79	82	85	88	90	93	95	98	100	100	100	100
3 - SPAN	I	40	40	40	40	40	40	40	42	44	45	47	48	50	50	50	50	50	50	50	50
		8.52	6.15	4.91	4.14	3.62	3.24	2.94	2.71	2.52	2.36	2.23	2.11	2.02	1.90	1.78	1.67	1.57	1.49	1.41	1.34
		60	60	63	68	73	77	80	84	87	90	94	96	99	100	100	100	100	100	100	100
	II	40	40	40	40	40	40	40	42	44	45	47	48	50	50	50	50	50	50	50	50
		8.52	6.15	4.91	4.14	3.62	3.24	2.94	2.71	2.52	2.36	2.23	2.11	2.02	1.90	1.78	1.67	1.57	1.49	1.41	1.34
		60	60	63	68	73	77	80	84	87	90	94	96	99	100	100	100	100	100	100	100
	III	40	40	40	40	40	40	40	42	44	45	47	48	50	50	50	50	50	50	50	50
		8.52	6.15	4.91	4.14	3.62	3.24	2.94	2.71	2.52	2.36	2.23	2.11	2.02	1.90	1.78	1.67	1.57	1.49	1.41	1.34
		60	60	63	68	73	77	80	84	87	90	94	96	99	100	100	100	100	100	100	100

Allowable span tables for roof-panels ISOCOP TL 120, tN = 0,50/0,50 mm

The given allowable spans are designed according to EN 14509 and on the base of German approval no. Z-10.49-574 for the worst load combination due of wind and temperature. The explanations given at page 2/40 are to be considered.

Table W.1: Snow Load

System		Color group	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4	4.25	4.5	4.75	5
1 - SPAN	I	40	40	40	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	
		9,33	8,70	7,03	5,61	4,70	4,08	3,62	3,27	2,99	2,76	2,58	2,42	2,29	2,17	2,07	1,98	1,90	1,83	1,77	1,71	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	II	40	40	40	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	
		9,33	8,70	7,03	5,61	4,70	4,08	3,62	3,27	2,99	2,76	2,58	2,42	2,29	2,17	2,07	1,98	1,90	1,83	1,77	1,71	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	III	40	40	40	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	
		9,33	8,70	7,03	5,61	4,70	4,08	3,62	3,27	2,99	2,76	2,58	2,42	2,29	2,17	2,07	1,98	1,90	1,83	1,77	1,71	
		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
2 - SPAN	I	40	40	40	40	40	40	40	40	40	40	40	40	40	41	42	43	44	45	46	48	
		8,04	5,84	4,68	3,96	3,46	3,10	2,82	2,59	2,41	2,26	2,12	2,01	1,92	1,83	1,76	1,69	1,63	1,57	1,52	1,48	
		60	60	60	60	60	60	64	67	70	73	75	77	80	82	84	86	88	90	92	94	
	II	40	40	40	40	40	40	40	40	40	40	40	40	40	41	42	43	44	45	46	48	
		8,04	5,84	4,68	3,96	3,46	3,10	2,82	2,59	2,41	2,26	2,12	2,01	1,92	1,83	1,76	1,69	1,63	1,57	1,52	1,48	
		60	60	60	60	60	60	64	67	70	73	75	77	80	82	84	86	88	90	92	94	
	III	40	40	40	40	40	40	40	40	40	40	40	40	40	41	42	43	44	45	46	48	
		8,04	5,84	4,68	3,96	3,46	3,10	2,82	2,59	2,41	2,26	2,12	2,01	1,92	1,83	1,76	1,69	1,63	1,57	1,52	1,48	
		60	60	60	60	60	60	64	67	70	73	75	77	80	82	84	86	88	90	92	94	
3 - SPAN	I	40	40	40	40	40	40	40	40	40	40	41	43	44	45	46	47	48	50	50	50	
		9,11	6,58	5,24	4,41	3,84	3,42	3,10	2,85	2,64	2,47	2,33	2,20	2,10	2,00	1,92	1,84	1,78	1,71	1,63	1,55	
		60	60	60	63	67	71	74	77	80	82	85	87	90	92	94	96	99	100	100	100	
	II	40	40	40	40	40	40	40	40	40	40	41	43	44	45	46	47	48	50	50	50	
		9,11	6,58	5,24	4,41	3,84	3,42	3,10	2,85	2,64	2,47	2,33	2,20	2,10	2,00	1,92	1,84	1,78	1,71	1,63	1,55	
		60	60	60	63	67	71	74	77	80	82	85	87	90	92	94	96	99	100	100	100	
	III	40	40	40	40	40	40	40	40	40	40	41	43	44	45	46	47	48	50	50	50	
		9,11	6,58	5,24	4,41	3,84	3,42	3,10	2,85	2,64	2,47	2,33	2,20	2,10	2,00	1,92	1,84	1,78	1,71	1,63	1,55	
		60	60	60	63	67	71	74	77	80	82	85	87	90	92	94	96	99	100	100	100	