

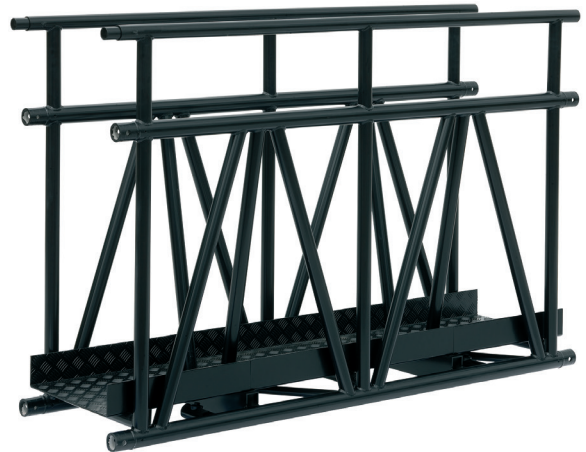
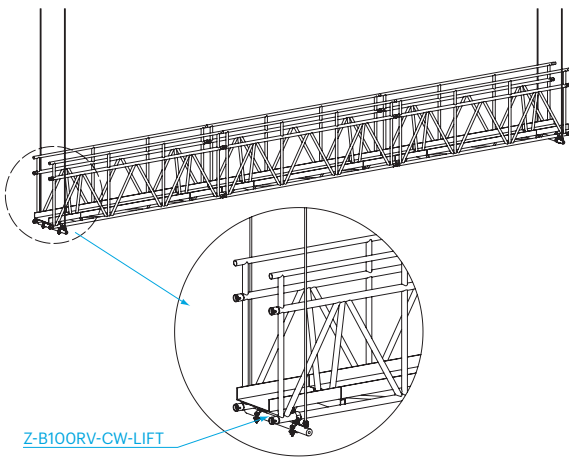
## PRODUCT DATA SHEET

The design of the Prolyte Catwalk Truss (B100RV-CW) is based on the B100RV. It can be used to create mother grids or working platforms, and in a theatrical environment it can be used for prosceniums or lighting bridges. The B100RV-CW truss is fitted with an extra handrail on the top side and a reinforced plate on

the bottom side to create a walking platform. The Catwalk Truss can be flown by assembling bracing bars with fixed lifting eyes to the bottom braces of the truss.

The Catwalk truss is standard non-powder coated.

B100CW



### Technical Specifications - B100CW Series

Types	Rectangular (R)
Alloy	EN AW 6082 T6
Main Chords	60 x 6 mm
Diagonal Members	48 x 3 mm
Coupling System	CCS7

Structural data can be found at [www.prolyte.com](http://www.prolyte.com)

### B100CW Series - Standard available Lengths and Codes

Metres	Feet	Code
1,00	3.28	B100RV-L100
2,00	6.56	B100RV-L200
2,50	8.20	B100RV-L250
3,00	9.84	B100RV-L300
4,00	13.12	B100RV-L400

Other Lengths on request

# B100CW RECTANGULAR CATWALK SERIE TRUSS



## B100CW - Allowable Loading

SPAN		Uniformly Distributed Load		DEFLECTION		Centre Point Load		DEFLECTION		MAXIMUM ALLOWABLE POINT LOADS						SPAN
		UDL	UDL			CPL	CPL			TPL	QPL		FPL			
m	ft	kg/m	lbs/ft	mm	inch	kgs	lbs	mm	inch	kgs	lbs	kgs	lbs	kgs	lbs	total weight
4	13,1	1475,0	992,5	1	0,04	3188,7	7037,4	1	0,04	2391,5	5278,0	1594,3	3518,7	1328,6	2932,2	120,0
5	16,4	1010,7	680,0	2	0,08	2526,6	5576,3	1	0,04	1895,0	4182,2	1263,3	2788,1	1052,8	2323,4	150,0
6	19,7	693,6	466,7	2	0,08	2080,8	4592,3	2	0,08	1560,6	3444,2	1040,4	2296,1	867,0	1913,4	180,0
7	23,0	502,4	338,1	3	0,12	1758,5	3880,9	2	0,08	1318,8	2910,7	879,2	1940,5	732,7	1617,0	210,0
8	26,2	378,3	254,6	4	0,16	1513,3	3339,9	3	0,12	1135,0	2504,9	756,7	1670,0	630,6	1391,6	240,0
9	29,5	293,3	197,3	5	0,20	1319,7	2912,5	4	0,16	989,8	2184,4	659,8	1456,3	549,9	1213,6	270,0
10	32,8	232,4	156,4	6	0,24	1162,1	2564,7	5	0,20	871,6	1923,5	581,0	1282,3	484,2	1068,6	300,0
11	36,1	187,4	126,1	7	0,28	1030,7	2274,6	6	0,24	773,0	1706,0	515,3	1137,3	429,4	947,8	330,0
12	39,4	153,1	103,0	9	0,35	918,9	2028,0	7	0,28	689,2	1521,0	459,4	1014,0	382,9	845,0	360,0
13	42,6	126,5	85,1	10	0,39	822,2	1814,7	8	0,31	616,7	1361,0	411,1	907,3	342,6	756,1	390,0
14	45,9	105,4	70,9	12	0,47	737,5	1627,6	10	0,39	553,1	1220,7	368,7	813,8	307,3	678,2	420,0
15	49,2	88,3	59,4	14	0,55	662,2	1461,5	11	0,43	496,7	1096,1	331,1	730,7	275,9	609,0	450,0
16	52,5	74,3	50,0	16	0,63	594,7	1312,4	13	0,51	446,0	984,3	297,3	656,2	247,8	546,8	480,0
17	55,8	62,8	42,2	18	0,71	533,5	1177,4	14	0,55	400,1	883,0	266,7	588,7	222,3	490,6	510,0
18	59,0	53,1	35,7	20	0,79	477,6	1054,0	16	0,63	358,2	790,5	238,8	527,0	199,0	439,2	540,0
19	62,3	44,9	30,2	22	0,87	426,2	940,5	18	0,71	319,6	705,4	213,1	470,3	177,6	391,9	570,0
20	65,6	37,9	25,5	25	0,98	378,5	835,4	20	0,79	283,9	626,6	189,3	417,7	157,7	348,1	600,0

1 inch = 25,4 mm | 1m = 3.28 ft | 1 lbs = 0,453 kg

- Tüv certification only valid for loading table above.
- Loading figures are only valid for static loads.
- Loading figures are only valid for single spans with supports at both ends.
- All static systems, other than single spans, need an individual structural calculation. Please contact a structural engineer or Prolyte for assistance.
- Loading figures are calculated according to and in full compliance with European standards (Eurocode).
- The self-weight of the trusses is already taken into account.
- Loading figures are only valid for the cross sectional orientation of the truss as shown by the icon in the loading table.
- The interaction between bending moment and shear force at the connection point is already taken into account.
- Truss spans can be assembled from different truss lengths.
- Read the manual before assembling, using and loading the truss.