

PROLYTE X30V TRUSS

PROLYTE X30V - ALLOWABLE LOADING

SPAN		UNIFORMLY DISTRIBUTED LOAD		DEFLECTION		MAXIMUM ALLOWABLE POINT LOADS										SPAN
		UDL				CENTRE POINT LOAD		DEFLECTION		SINGLE LOAD THIRD POINTS LOAD PER POINT		SINGLE LOAD FOURTH POINTS LOAD PER POINT		SINGLE LOAD FIFTH POINTS LOAD PER POINT		
m	ft	kg/m	lbs/ft	mm	inch	kg	lbs	mm	inch	kg	lbs	kg	lbs	kg	lbs	total weight
1	3.3	1985,3	1335.8	1	0.04	1985,3	4381.6	1	0.04	992,7	2190.8	660,9	1458.7	496,3	1095.4	5,1
2	6.6	990,1	666.2	4	0.16	1980,2	4370.3	3	0.12	990,1	2185.2	658,4	1453.0	495,1	1092.6	10,2
3	9.8	658,4	443.0	9	0.35	1405,1	3101.1	7	0.28	987,6	2179.5	655,8	1447.4	493,8	1089.8	15,3
4	13.1	492,5	331.4	17	0.67	1049,4	2316.0	13	0.51	787,0	1737.0	524,7	1158.0	435,5	961.1	20,4
5	16.4	334,0	224.7	26	1.02	834,9	1842.7	21	0.83	626,2	1382.0	417,5	921.3	346,5	764.7	25,5
6	19.7	230,4	155.0	37	1.46	691,1	1525.2	30	1.18	518,3	1143.9	345,5	762.6	286,8	633.0	30,6
7	23.0	167,9	113.0	51	2.01	587,6	1296.9	41	1.61	440,7	972.7	293,8	648.4	243,9	538.2	35,7
8	26.2	127,3	85.7	66	2.59	509,4	1124.2	53	2.08	382,0	843.2	254,7	562.1	211,4	466.6	40,8
9	29.5	99,6	67.0	84	3.31	448,0	988.7	67	2.63	336,0	741.5	224,0	494.3	185,9	410.3	45,9
10	32.8	79,7	53.6	103	4.06	398,3	879.1	83	3.27	298,8	659.3	199,2	439.6	165,3	364.8	51,0
11	36.1	65,0	43.7	125	4.92	357,3	788.5	100	3.94	267,9	591.3	178,6	394.2	148,3	327.2	56,1
12	39.4	53,8	36.2	149	5.87	322,6	712.0	119	4.69	241,9	534.0	161,3	356.0	133,9	295.5	61,2
13	42.6	45,1	30.3	175	6.89	292,9	646.4	140	5.51	219,7	484.8	146,4	323.2	121,5	268.2	66,3
14	45.9	38,1	25.7	202	7.95	267,0	589.4	162	6.38	200,3	442.0	133,5	294.7	110,8	244.6	71,4
15	49.2	32,6	21.9	233	9.17	244,3	539.2	186	7.32	183,2	404.4	122,2	269.6	101,4	223.8	76,5
16	52.5	28,0	18.8	264	10.39	224,1	494.6	212	8.35	168,1	370.9	112,0	247.3	93,0	205.3	81,6

1 inch = 25.4 mm | 1m = 3.28 ft | 1 lbs = 0.453 kg

- Loading figures only valid for static loads and spans with two supporting points
- Spans must be supported at each end
- If dynamic loads or wind loads are involved, or more supporting points are applied, contact a structural engineer or Prolyte
- Loading figures are based on German DIN standards; to comply with BS and ANSI standards, the loading data must be multiplied by 0.85
- The self-weight of the trusses has already been taken into account
- For spans longer than indicated and with a different loading set-up use the KYLo programme
- For structures contact Prolyte



Mark approval certificate No. 2258/04
 Test report No. 2257/04
 TÜV certification only valid for loading table above.