



Compression Test of BUZON Pedestal BC Series – 3rd Generation

The various components of BUZON Pedestal BC System and sleeves C3/BC-5 are out of polypropylene charged with talc 20%. The Pedestal are manufactured to be used in the achievements of terraces roofs, podiums, capitals, technical floors elevated, ...

Value of safety of maximum permissible load in compression for BC-5 and C3/BC-5 :

- Safety for terraces pedestrians :
To divide the value of the load announced in the table by 2
- Safety for the elevated technical floors :
To divide the value of the load announced in the table by 4

Note: BUZON Pedestal BC System out of polypropylene are not designed to support machines or apparatuses likely to vibrate.

Buzon Pedestal tested in central position(1/1), on a half pedestal position(1/2) and on a quarter of pedestal position(1/4)

-	height mm	slope %	position	charge daN	charge lbf
BC - 5	120	0	1/1	3160	7047
BC - 5	120	0	1/1	3170	7069
BC - 5	120	0	1/1	3090	6891
Average	-	-	-	3140	7002

-	height mm	slope %	position	charge daN	charge lbf
BC - 5	120	0	1/2	2130	4750
BC - 5	120	0	1/2	2075	4627
BC - 5	120	0	1/2	2080	4638
Average	-	-	-	2095	4672

-	height mm	slope %	position	charge daN	charge lbf
BC - 5	120	0	1/4	1420	3167
BC - 5	120	0	1/4	1355	3022
BC - 5	120	0	1/4	1310	2921
Average	-	-	-	1362	3037

Date tests : 24-06-08
Caption 1 daN = 1 Kgf = 2,23 lbf



Buzon Pedestal tested in central position(1/1), on a half pedestal position(1/2) and on a quarter of pedestal position(1/4)

-	<u>height</u> mm	<u>slope</u> %	<u>position</u>	<u>charge</u> daN	<u>charge</u> lbf
BC - 5	160	0	1/1	2540	5664
BC - 5	160	0	1/1	2540	5664
BC - 5	160	0	1/1	2525	5631
Average	-	-	-	2535	5653

-	<u>height</u> mm	<u>slope</u> %	<u>position</u>	<u>charge</u> daN	<u>charge</u> lbf
BC - 5	160	0	1/2	1710	3813
BC - 5	160	0	1/2	1735	3869
BC - 5	160	0	1/2	1745	3891
Average	-	-	-	1730	3858

-	<u>height</u> mm	<u>slope</u> %	<u>position</u>	<u>charge</u> daN	<u>charge</u> lbf
BC - 5	160	0	1/4	1145	2553
BC - 5	160	0	1/4	1055	2353
BC - 5	160	0	1/4	1090	2431
Average	-	-	-	1097	2446

Date tests

: 24-06-08

Caption

1 daN = 1 Kgf = 2,23 lbf



Buzon Pedestal tested in central position(1/1), on a half pedestal position(1/2) and on a quarter of pedestal position(1/4)

-	<u>height</u> mm	<u>slope</u> %	<u>position</u>	<u>charge</u> daN	<u>charge</u> lbf
BC - 5	200	0	1/1	1350	3011
BC - 5	200	0	1/1	1370	3055
BC - 5	200	0	1/1	1385	3089
Average	-	-	-	1368	3051

-	<u>height</u> mm	<u>slope</u> %	<u>position</u>	<u>charge</u> daN	<u>charge</u> lbf
BC - 5	200	0	1/2	1110	2475
BC - 5	200	0	1/2	1140	2542
BC - 5	200	0	1/2	1165	2598
Average	-	-	-	1138	2538

-	<u>height</u> mm	<u>slope</u> %	<u>position</u>	<u>charge</u> daN	<u>charge</u> lbf
BC - 5	200	0	1/4	695	1550
BC - 5	200	0	1/4	730	1628
BC - 5	200	0	1/4	735	1639
Average	-	-	-	720	1606

Date tests

: 24-06-08

Caption

1 daN = 1 Kgf = 2,23 lbf



Buzon Pedestal tested in central position(1/1), on a half pedestal position(1/2) and on a quarter of pedestal position(1/4).

-	<u>height</u> mm	<u>slope</u> %	<u>position</u>	<u>charge</u> daN	<u>charge</u> lbf
BC - 7	280	0	1/1	1560	3479
BC - 7	280	0	1/1	1570	3501
BC - 7	280	0	1/1	1570	3501
Average	-	-	-	1567	3494

-	<u>height</u> mm	<u>slope</u> %	<u>position</u>	<u>charge</u> daN	<u>charge</u> lbf
BC - 7	280	0	1/2	1370	3055
BC - 7	280	0	1/2	1345	2999
BC - 7	280	0	1/2	1365	3044
Average	-	-	-	1360	3033

-	<u>height</u> mm	<u>slope</u> %	<u>position</u>	<u>charge</u> daN	<u>charge</u> lbf
BC - 7	280	0	1/4	970	2163
BC - 7	280	0	1/4	985	2197
BC - 7	280	0	1/4	925	2063
Average	-	-	-	960	2141

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Caption

1 daN = 1 Kgf = 2,23 lbf



Buzon Pedestal tested in central position(1/1), on a half pedestal position(1/2) and on a quarter of pedestal position(1/4)

-	height mm	slope %	position	charge daN	charge lbf
BC - 7	320	0	1/1	1545	3445
BC - 7	320	0	1/1	1550	3457
BC - 7	320	0	1/1	1560	3479
Average	-	-	-	1552	3460

-	height mm	slope %	position	charge daN	charge lbf
BC - 7	320	0	1/2	1475	3289
BC - 7	320	0	1/2	1375	3066
BC - 7	320	0	1/2	1365	3044
Average	-	-	-	1405	3133

-	height mm	slope %	position	charge daN	charge lbf
BC - 7	320	0	1/4	990	2208
BC - 7	320	0	1/4	705	1572
BC - 7	320	0	1/4	820	1829
Average	-	-	-	838	1869

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Caption

1 daN = 1 Kgf = 2,23 lbf



Buzon Pedestal tested in central position(1/1), on a half pedestal position(1/2) and on a quarter of pedestal position(1/4)

-	height mm	slope %	position	charge daN	charge lbf
BC - 7	368	0	1/1	1350	3011
BC - 7	368	0	1/1	1365	3044
BC - 7	368	0	1/1	1440	3211
Average	-	-	-	1385	3089

-	height mm	slope %	position	charge daN	charge lbf
BC - 7	368	0	1/2	1110	2475
BC - 7	368	0	1/2	1205	2687
BC - 7	368	0	1/2	1130	2520
Average	-	-	-	1148	2561

-	height mm	slope %	position	charge daN	charge lbf
BC - 7	368	0	1/4	940	2096
BC - 7	368	0	1/4	975	2174
BC - 7	368	0	1/4	962	2145
Average	-	-	-	959	2139

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Caption

1 daN = 1 Kgf = 2,23 lbf



Buzon Pedestal tested in central position(1/1), on a half pedestal position(1/2) and on a quarter of pedestal position(1/4)

-	height mm	slope %	position	charge daN	charge Lbf
BC - 11	1030	0	1/1	1270	2832
BC - 11	1030	0	1/1	1266	2823
BC - 11	1030	0	1/1	1280	2854
Average	-	-	-	1272	2837

-	height mm	slope %	position	charge daN	charge Lbf
BC - 11	1030	0	1/2	1015	2263
BC - 11	1030	0	1/2	1050	2342
BC - 11	1030	0	1/2	965	2152
Average	-	-	-	1010	2252

-	height mm	slope %	position	charge daN	charge Lbf
BC - 11	1030	0	1/4	630	1405
BC - 11	1030	0	1/4	715	1594
BC - 11	1030	0	1/4	630	1405
Average	-	-	-	658	1468

Date tests

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Tested and controlled by



CRIF-WTCM