



1. Compression tests

1.1. Product description

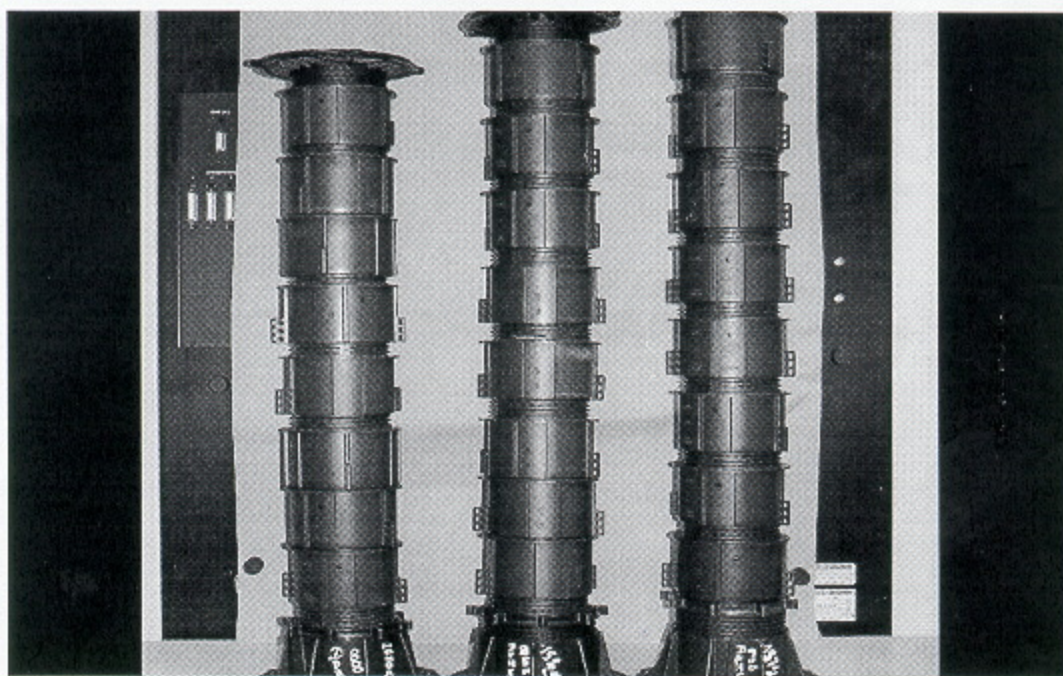
The plots are made of three parts : one or several heightenings with a screwed head, are screwed on circular base. The different parts of Buzon plots are made of polypropylene filled with 20% talc. Plots are manufactured to realise terraces, roofs and floors.

Security value for the maximum allowable load :

- Security for pedestrian terrace :
: Divide the load given in the table by 2
- Security for raised technical floors
: Divide the load given in the table by 4

Remark :

Buzon plots made of polypropylene are not designed to support machines or devices liable to vibrate





1.2. Methodology

The tests are realised on a testing machine type Instron 1185 n° H -4573 capacity : 100 kN equipped with a load cell of 100 kN n° 2518 - 201. The tests are realised according to the manufacturer recommendations. Loading speed 10 mm/min. The tests are realised in a centred position on plots BUZON DPH5. Plots height: 800, 850 and 900 mm

1.3. Tests results

<u>Reference</u>	<u>height</u> mm	<u>heightening</u> Nb	<u>load</u> daN	<u>load</u> lbf
DPH5/800	800	8	1650	3708
DPH5/850	850	8	1520	3416
DPH5/900	900	8	1570	3528