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COMPRESSION TEST REPORT

Prepared for:

Multipod International

Specimen: Multipod International – Model 002 paver pedestal

Test Procedure: Procedure EQP019.1

Test Date: 29/08/2017

Load rate: 1mm/sec

Platen size: 250mm

Test	Sample diameter (mm)	Sample height (mm)	Maximum force (N)	Maximum force (Kg)	Failure point	Pedestal configuration
1	195	34	48875	4982	NOTE 1	Fully lowered position, Figure 1.
2	195	49	18095	1845	Lower column thread	Lower column raised, upper column collapsed, screw retracted, Figure 2.
3	195	65	14283	1456	Lower column thread	Lower column raised, upper column raised, screw retracted, Figure 3.
4	195	77	13017	1327	Outer screw thread	Lower column raised, upper column raised, screw partially extended, Figure 4.
5	195	88	9647	983	Outer screw thread	Lower column raised, upper column raised, screw fully extended, Figure 5.

Note 1: Failure point of Test 1 not visible without destructive analysis

Tested by:

Mechanical and Testing Engineer

Reviewed by:

Senior Consulting Engineer



Figure 1: Sample 1 - Fully lowered position



Figure 2: Sample 2 - Lower column raised, upper column collapsed, screw retracted.



Figure 3: Sample 3 - Lower column raised, upper column collapsed, screw retracted



Figure 4: Sample 4 - Lower column raised, upper column raised, screw partially extended



Figure 5: Sample 5 - Lower column raised, upper column raised, screw fully extended.