



MECHANICAL TEST REPORT

Client: Maximus Pedestal Systems

 Job No:
 15976

 Test Date:
 09/11/2020

 Test Speed:
 20 mm/min

Summary:

Compression testing was conducted on three (3) screw-type adjustable paver pedestals at maximum extension. Table 1 below shows the maximum force sustained prior to the first instance of failure and the corresponding vertical deflection, and the test data is shown in Figure 1. The test set-up is shown in Figure 2.

Results:

Table 1. Compression Testing Results					
Test no.	Configuration	Total height (mm)	Force at first failure (kN)	Force at first failure (kg)	Deflection at first failure (mm)
1	Full extension	45	10.3	1050	3.7
2	Full extension	45	10.2	1040	3.7
3	Full extension	45	10.4	1060	3.9

12 11 10 9 8 Force(kN) 5 4 3 2 1 0 0.6 1.2 1.8 2.4 4.2 4.8 5.4 6 6.6 7.2 7.8 0 3 3.6 Disp.(mm)

Figure 1. Compression test data.

Tested by:

Liam Roche BEng (Mech) Hons. GradIEAust Mechanical & Testing Engineer

Reviewed by: Rohan Symes.

Rohan Byrnes BSc/BEng (Mat) Hons. MIEAust Senior Materials Engineer

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ATTAR Advanced Technology Testing and Research A division of Engineering Materials Evaluation Pty Ltd ABN 14 006 554 785 Unit 1, 64 Bridge Rd, Keysborough VIC 3173. T (03) 9574 6144 F (03) 9574 6133 E admin@attar.com.au www.attar.com.au

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Figure 2. Test Setup.

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