ExcelPlas TEST REPORT

TECHNICAL REPORT ON THE COMPRESSIVE TESTING OF PLASTIC SAMPLES

Client: Paveezzi Pty. Ltd.

Abbotsford, 164 Hoddle St, Melbourne, VIC, 3067
Product Name: RHINO by PAVEEZZI Adjustable Pedestal

ExcelPlas Job # 12024

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P.O. Box 147, Moorabbin, VIC 3189
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21st April 2022

COMMERCIAL-IN-CONFIDENCE

1. Objective

The objective of this study is to determine the compressive properties of plastic pedestal samples.

2. Samples Supplied

Two sizes of adjustable pedestal samples were supplied by Zoran Pavic for compressive properties measurement.

The identification of the samples was:

- RHN-C0-D 60-95mm Rhino by Paveezzi adjustable pedestals
- RHN-C0-E 95-185mm Rhino by Paveezzi adjustable pedestals

Figure 1. Pedestal samples RHN-C0-D 60-95mm (top) & Pedestal samples RHN-C0-E 95-185mm (bottom) as received by ExcelPlas

3. Testing Undertaken

The compression testing was undertaken as per ASTM D695-02a Compressive Properties of Rigid Plastics (Modified).

Speed of testing: 1.3mm/min.

The testing was undertaken at the ExcelPlas Highett Laboratory.

4. Specimen Preparation

The Specimens were supplied by the client.

Five specimens were tested as supplied with the pedestals adjusted to the minimum height.

5. Conditioning

The specimens were conditioned at 23±2℃ and 50±5% relative humidity for over 48 hours and tested under the same conditions.

6. Results

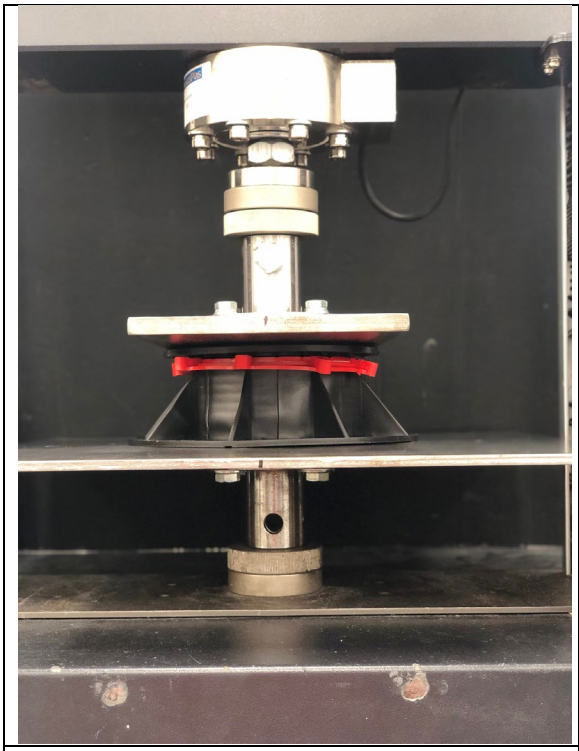


Figure 2. Pedestal samples RHN-C0-D 60-95mm

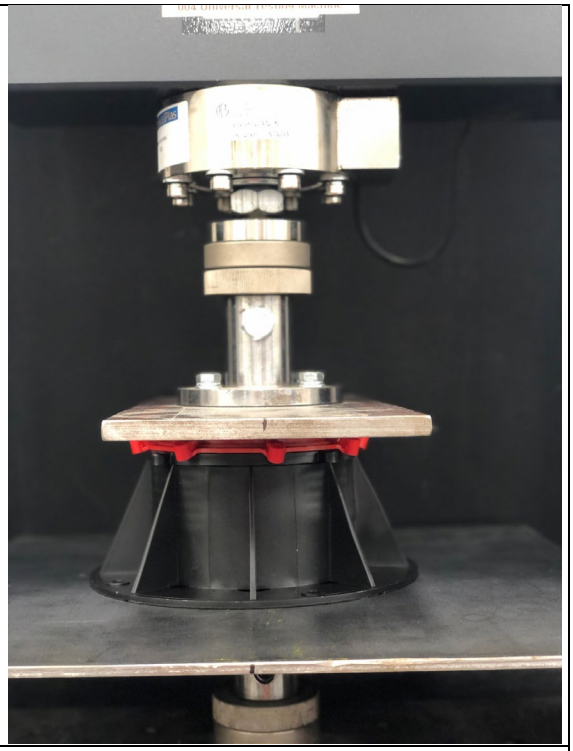


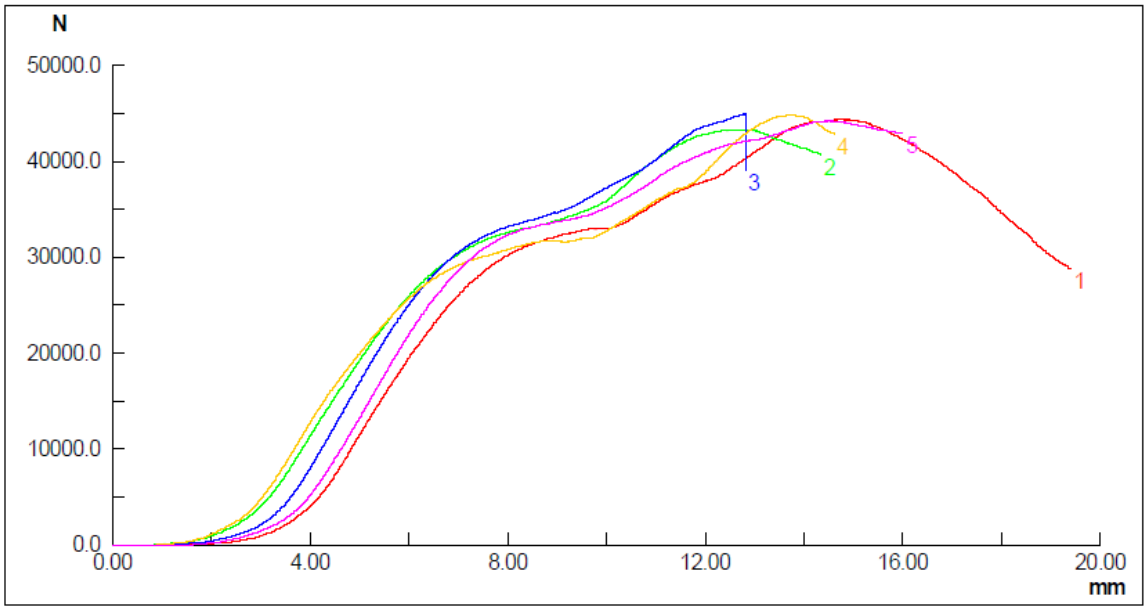
Figure 3. Pedestal samples RHN-C0-E 95-185mm

6. Results (Continued)

Sample: RHN-C0-D 60-95mm Rhino by Paveezzi adjustable pedestals
Date of test: 21/4/2022

ASTM D695	Depth (mm)	Compressive Yield Force (kN)	Compressive Break Force (kN)
Specimen 1	60	33.0	44.4
Specimen 2	60	33.1	43.4
Specimen 3	60	33.4	≥45.0*
Specimen 4	60	31.7	44.9
Specimen 5	60	33.6	44.3
Average	**-**	**33.0**	**≥44.4**
Standard Deviation	**-**	**0.7**	**≥0.6**

***Note:** Specimen 3 reached the limit of the machine prior to reaching its compressive break force.

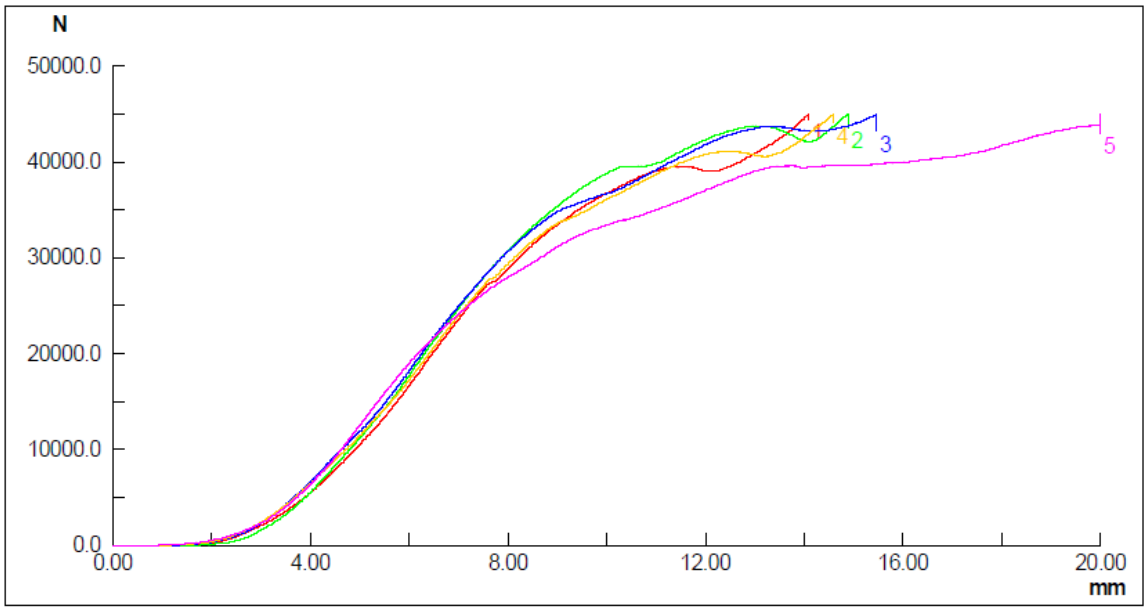


6. Results (Continued)

Sample: RHN-C0-E 95-185mm Rhino by Paveezzi adjustable pedestals
Date of test: 21/4/2022

ASTM D695	Depth (mm)	Compressive Yield Force (kN)	Compressive Break Force (kN)
Specimen 1	95	39.5	≥45.0*
Specimen 2	95	39.6	≥45.0*
Specimen 3	95	36.5	≥45.0*
Specimen 4	95	41.1	≥45.0*
Specimen 5	95	39.6	45.0
Average	**-**	**39.3**	**≥45.0**
Standard Deviation	**-**	**1.7**	**-**

***Note:** Specimens 1-4 reached the limit of the machine prior to reaching their compressive break force.



Prepared By	Reviewed By
	
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