

Date: 24/04/2025



CERTIFICATE OF STRUCTURAL LOAD CAPACITY TESTING

For Lills Group Pty Ltd (Transtage)

To whom it may concern,

A series of structural load tests were conducted in February 2025 on Transtage “**All Terrain**” stage units, supplied by Transtage, at the Advanced Structural Research and Testing Laboratory of Western Sydney University. The objective was to assess flexural performance and serviceability in line with AS/NZS 1664.1:1997, Section 8. The tests were carried out using test setup proposed by WSU closely resembling real-life distributed loading conditions on stage surfaces. Load-Deflection data was captured continuously, with results summarised below:

Sample Type	All Terrain Stage
Test ID	TRS-BSTS-1
Sample Dimensions	2000mm × 1000mm × 400mm H
Average Serviceability Pressure	7.02 kPa
Ultimate Limit State (ULS) Pressure	8.16 kPa



The samples demonstrated sufficient ductility and strength, withstanding the ultimate limit state pressure for over 15 minutes without visible damage. These tests confirmed compliance with the serviceability deformation limit of span/180 and satisfied the acceptance criteria for strength in AS/NZS 1664.1. For more information, please refer to the STL-TR-25-02 test report.

Best regards,

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