

LOAD TEST REPORT

Report Number	LS23-2427-01 LT	Test Date	31/08/2023
Customer	Tech Plas Extrusions Pty Ltd		
Customer Address	321 Wentworth Avenue Pendle Hill NSW 2145		
Requested By	Andrew Swann	Purchase Order	27282
Accredited Laboratory	LMATS Sydney Laboratory		
Job Description	Compression tests on plastic SoleBoards at a load of 3.5T		
Identification	Samples 01, 02, 03		
Material Specification	Client's specification, PVC		
Test Specification	Client's requirements – report findings 1. Load to 3.5T 2. Unload applied force; cut a cross section through board and visually examine for structural damage		
Test Method	TP-ME-03 Compression Test Procedure		
Test Specimen	Load applied through 150mm x 150mm steel plate & 36mm mandrel As received		
Dimensions (mm)	230mm x 515mm x 40mm SoleBoard		
Discontinuities	See Table 1		
Test Restriction	Nil		
Remarks	3.5T = 34kN		
Test Personnel	Hillman Lao, Jordan Keirle		
Test Results	Refer to Table 1 and Figure 1		

LMATS is accredited for compliance with
ISO/IEC 17025 – Testing
Accreditation Number 15840

Signature
Materials Engineer



Hillman Lao
4/09/2023

Table 1. Results after 3.5T loading

Sample Number	Actual applied max Load (T)	Supported 3.5T min for 60s	Damage after loading
01	3.7	Yes	Nil
02	3.7	Yes	Nil
03	3.7	Yes	Nil

Figure 1. Displacement versus load graph for samples 01, 02, and 03

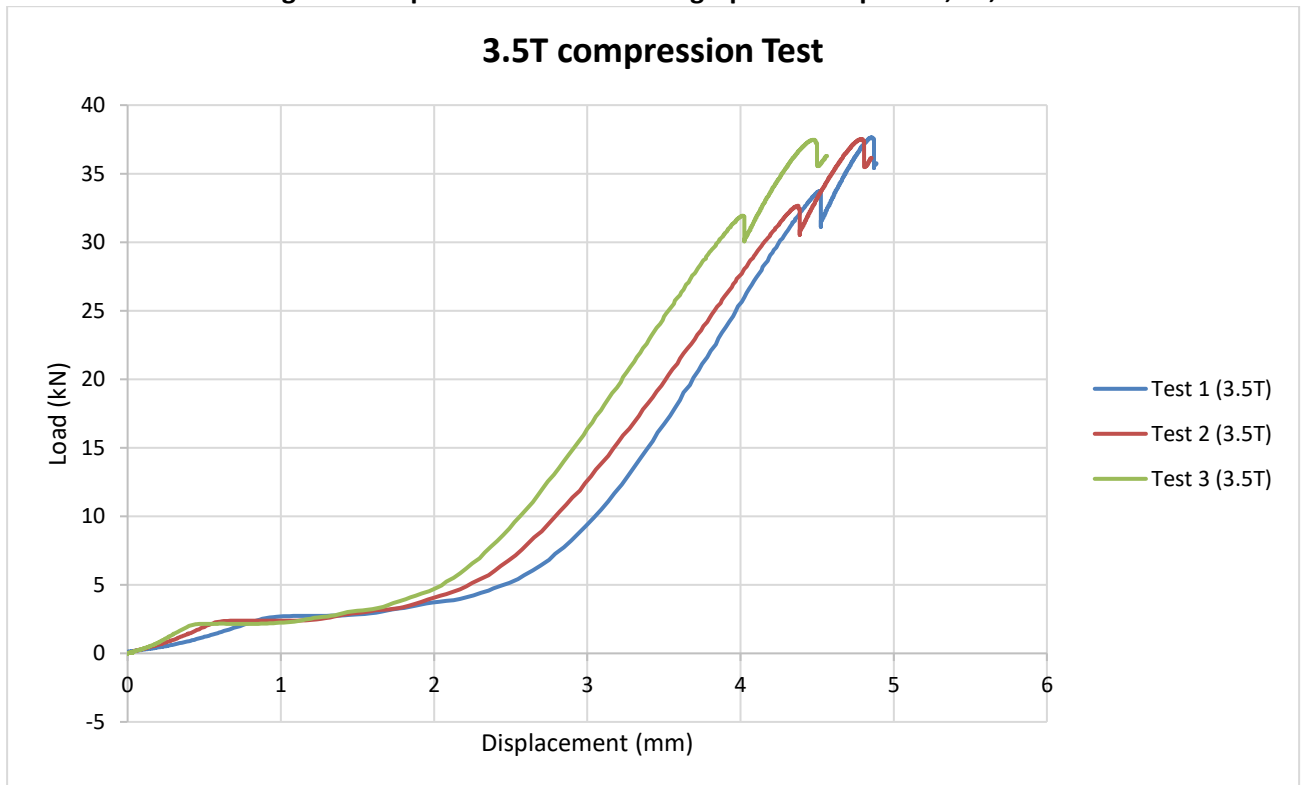


Figure 2. Sample 01 cross section after loading

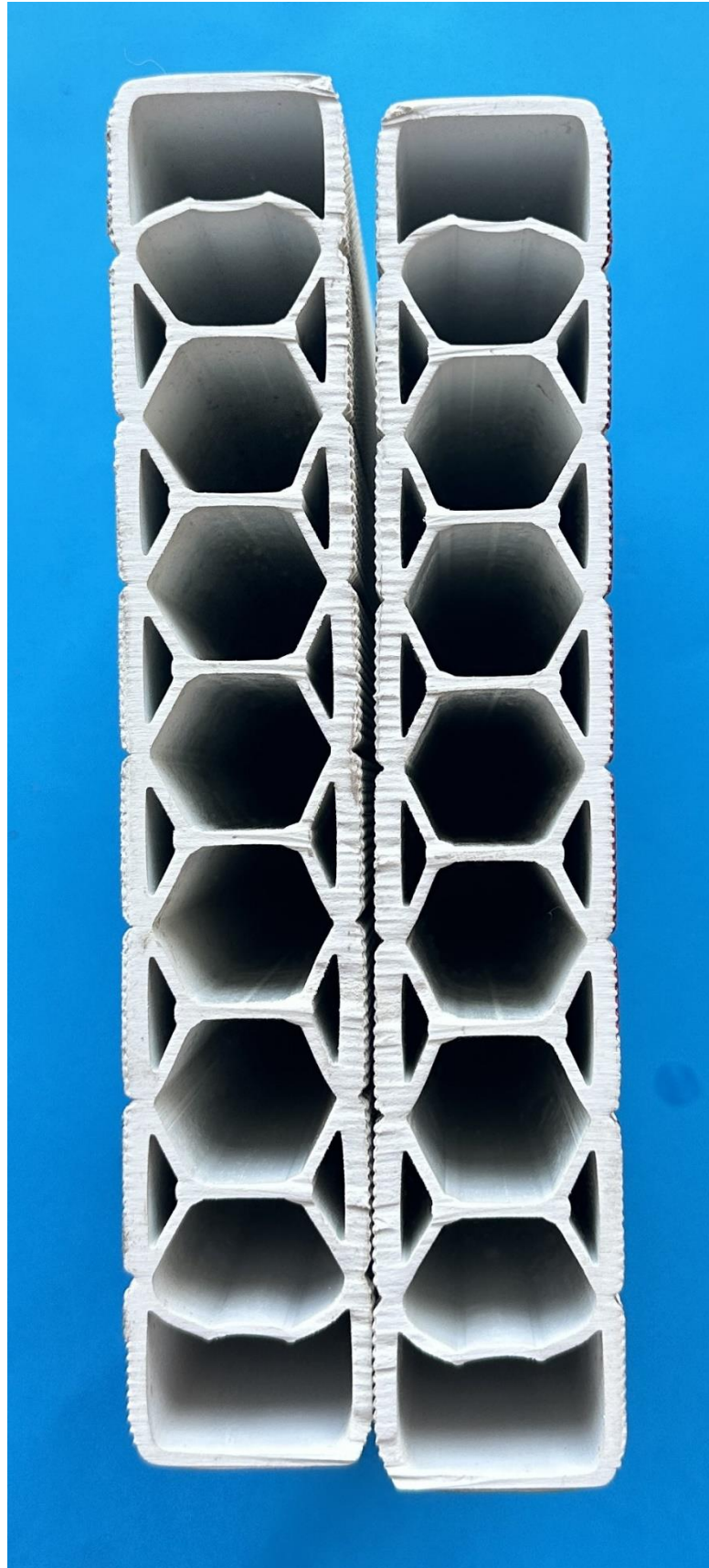


Figure 3. Sample 02 cross section after loading

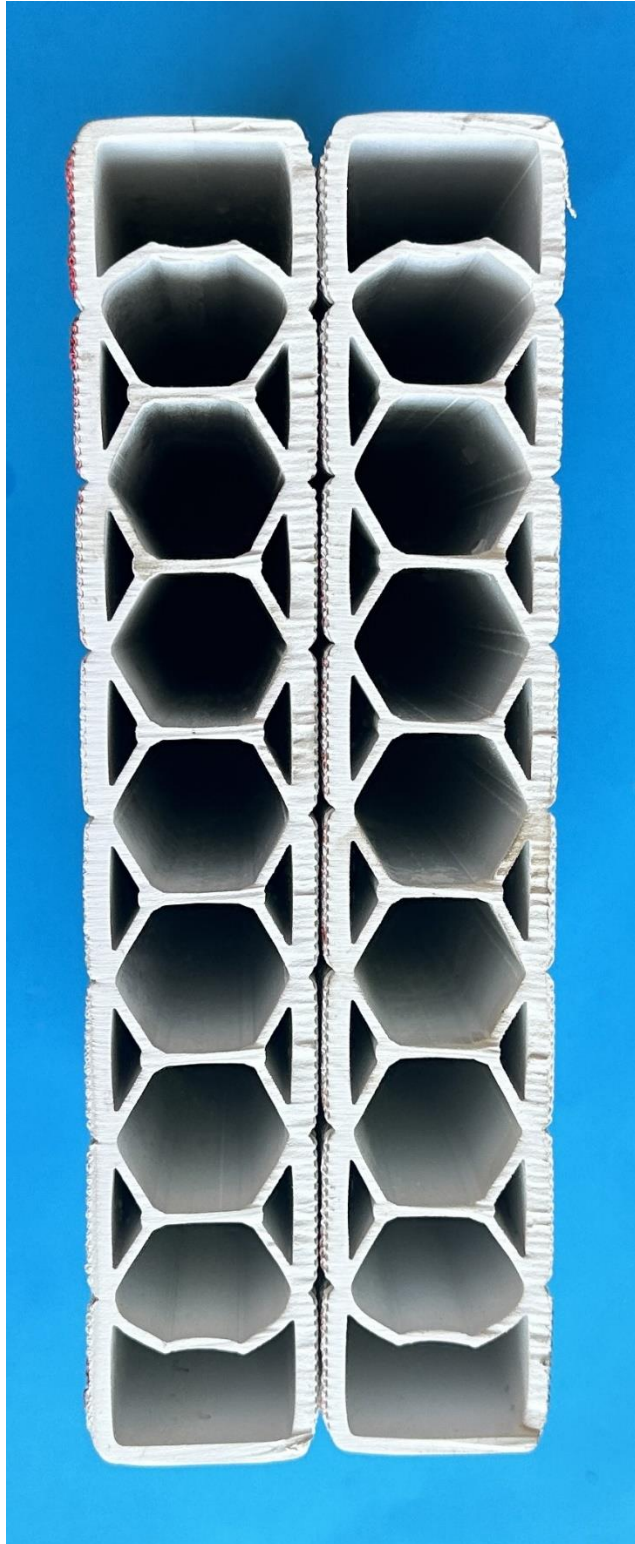
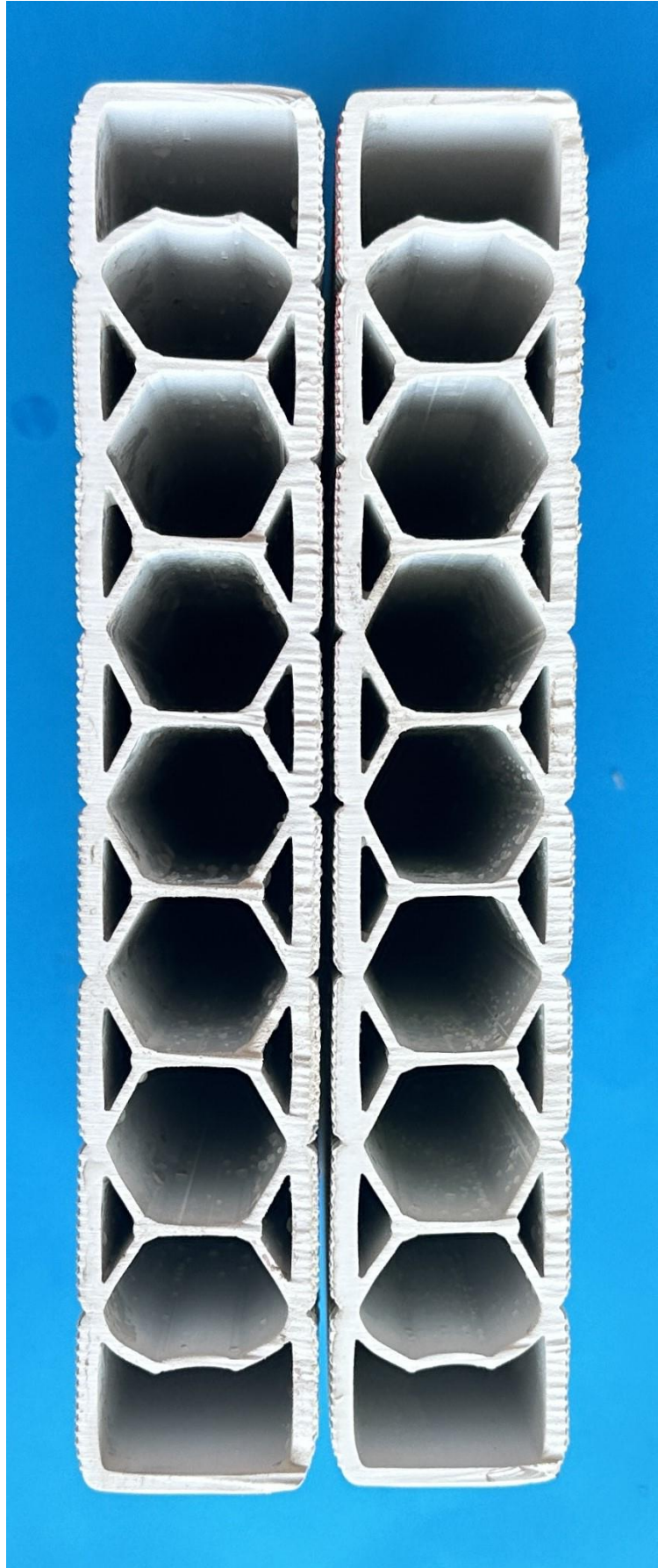


Figure 4. Sample 03 cross section after loading



Notes

- 1. All test and inspection items will be discarded after 6 weeks, unless retrieved by the clients representative.*
- 2. Samples, identification of samples and all job specific details were supplied by the client.*
- 3. Any stated nominal pipe sizes and nominal thickness of the material were provided by the client.*
- 4. Where applicable, the Measurement Uncertainty (MU) applies to the test results as per LMATS procedure. MU can be obtained by contacting one of the LMATS ISO 17025 accredited laboratory.*
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