

# TDS | 1050.1

## PANEL LEVELLING SHIMS





## PANEL LEVELLING SHIMS AS 3850.1:2024

ICCONS Panel Levelling Shims are engineered for use with precast or tilt-up concrete panels in construction, helping in levelling and supporting panels in their correct location. Manufactured from high-quality polypropylene, ICCONS panel levelling shims are designed to meet the harsh levelling demands of commercial construction sites. ICCONS Panel Levelling Shims are certified in accordance with AS 3850.1:2024 and both full and half shims have been independently tested.




- ✓ Independently tested in accordance with AS3850.1:2024
- ✓ Full shims tested for compliance up to 20 tonne WLL in compression
- ✓ Half shims tested for compliance up to 10 tonne WLL in compression
- ✓ Shims are all colour coded for quick identification and selection
- ✓ Grooved surface prevents slipping and sliding providing positive positioning
- ✓ Traceability on each Panel Levelling shim
  - Manufacturer's name
  - Shim size
  - WLL
  - Standards compliance

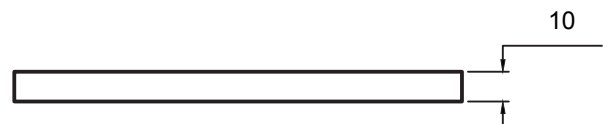
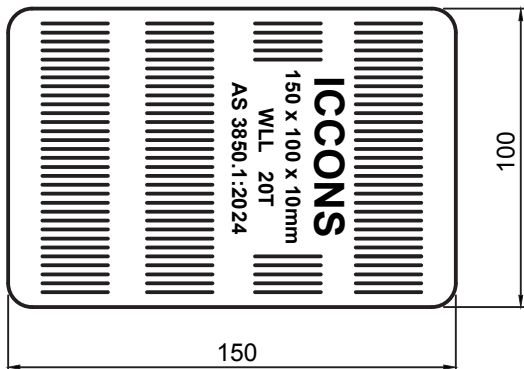
## 150MM PANEL LEVELLING SHIMS FULL

In compliance with AS 3850.1:2024 (WLL 20T)



Part No. TUB	Description	Colour	 qty.	 qty.
PPS01	Panel Levelling Shim - Full 150 x 100 x 1mm	Brown	200	800
PPS02	Panel Levelling Shim - Full 150 x 100 x 2mm	Blue	200	400
PPS03	Panel Levelling Shim - Full 150 x 100 x 3mm	Green	100	200
PPS05	Panel Levelling Shim - Full 150 x 100 x 5mm	Yellow	100	200
PPS10	Panel Levelling Shim - Full 150 x 100 x 10mm	Black	40	120
PPS15	Panel Levelling Shim - Full 150 x 100 x 15mm	Grey	40	80
PPS20	Panel Levelling Shim - Full 150 x 100 x 20mm	White	30	60

Example only





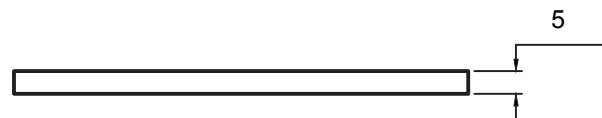
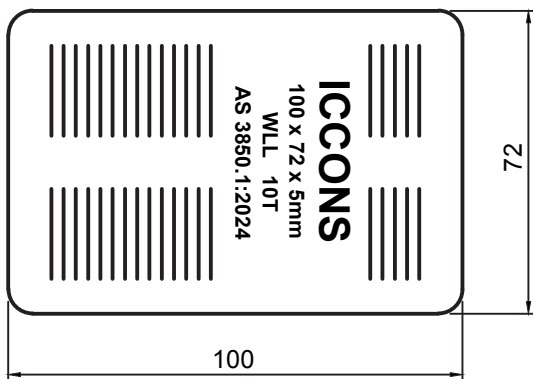
## 72MM PANEL LEVELLING SHIMS HALF

In compliance with AS 3850.1:2024 (WLL 10T)



Part No. TUB	Description	Colour	Icon	qty.	Icon	qty.
PPSH01	Panel Levelling Shim - Half 72 x 100 x 1mm	Brown		200		1600
PPSH02	Panel Levelling Shim - Half 72 x 100 x 2mm	Blue		200		800
PPSH03	Panel Levelling Shim - Half 72 x 100 x 3mm	Green		100		400
PPSH05	Panel Levelling Shim - Half 72 x 100 x 5mm	Yellow		100		400
PPSH10	Panel Levelling Shim - Half 72 x 100 x 10mm	Black		40		240
PPSH15	Panel Levelling Shim - Half 72 x 100 x 15mm	Grey		40		160
PPSH20	Panel Levelling Shim - Half 72 x 100 x 20mm	White		30		120

Example only





## Certification in accordance with AS3850.1:2015 and AS 3850.1:2024



**TEST CERTIFICATE FOR**  
**ICCONS PTY. LTD.**

383 Frankston – Dandenong Road  
Dandenong South VIC 3175

**PRODUCT I.D.:** 150 × 100 mm Plastic Levelling Shims  
**REPORT No.:** 24-0190  
**REPORT DATE:** 02 July 2024  
**DATES OF TESTING:** 24 May to 14 June 2024  
**PRODUCT SIZES:** 2 mm (Blue), 3 mm (Green), 5 mm (Yellow), 10 mm (Black), 15 mm (Grey) & 20 mm (White)  
**TEST STANDARDS:** AS 3850.1: 2015 – Prefabricated Concrete Elements, Part 1: General Requirements  
AS 3850.1: 2024 – Prefabricated Concrete Elements, Part 1: General Requirements  
ASTM D695 – 15: Standard Test Method for Compressive Properties of Rigid Plastics  
**TEST METHODS:** Compressive Creep Testing for the Determination of Mechanical Properties

**SUMMARY:**  
The Icons plastic levelling shims, as reported in Test Report 24-0190, have been tested in accordance with the selected procedures for compressive strength and creep performance as required by AS 3850.1: 2015 & 2024. The plastic levelling shims have **PASSED** the requirements of the selected procedures for a Working Load Limit (WLL) of 20 tonnes.

Notes:  
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2) It remains the responsibility of the client to ensure that the samples tested are representative of the entire product batch.  
3) MTS shall take no responsibility for the procurement and authenticity of the test product as described herein.  
4) This report is specific to the test items in their state at the time of testing. It should not be taken as a statement that all products in all states of repair, would also perform in the same manner.  
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6) MTS shall take no responsibility for the interpretation or misinterpretation of the procedures or calculation methods as provided herein or for the appropriateness or validity of the test procedures for the test items described and reported herein.  
7) The number of specimens tested herein is not necessarily statistically significant. It remains the responsibility of the reader to conduct rigorous statistical analyses and employ appropriate load reduction safety factors as required.

*Daniel Humfrey*  
**DANIEL HUMFREY**  
AUTHORISED SIGNATORY  
02 JULY 2024

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**TEST CERTIFICATE FOR**  
**ICCONS PTY. LTD.**

383 Frankston – Dandenong Road  
Dandenong South VIC 3175

**PRODUCT I.D.:** 100 × 72 mm Plastic Levelling Shims  
**REPORT No.:** 24-0935  
**REPORT DATE:** 13 September 2024  
**DATES OF TESTING:** 24 July to 9 August 2024  
**PRODUCT SIZES:** 2 mm (Blue), 3 mm (Green), 5 mm (Yellow), 10 mm (Black), 15 mm (Grey) & 20 mm (White)  
**TEST STANDARDS:** AS 3850.1: 2024 – Prefabricated Concrete Elements, Part 1: General Requirements  
ASTM D695 – 15: Standard Test Method for Compressive Properties of Rigid Plastics  
**TEST METHODS:** Compressive Creep Testing for the Determination of Mechanical Properties

**SUMMARY:**  
The Icons plastic levelling shims, as reported in Test Report 24-0935, have been tested in accordance with the selected procedures for compressive strength and creep performance as required by AS 3850.1:2024. The plastic levelling shims have **PASSED** the requirements of the selected procedures for a Working Load Limit (WLL) of 10 tonnes.

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**DANIEL HUMFREY**  
AUTHORISED SIGNATORY  
13 SEPTEMBER 2024

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