

## CALIBRATION

### Features

- Calibrating and checking the accuracy of all coating thickness instruments.
- Manufactured by PCWI, the sets are available as Ferrous or Non-ferrous Standards, and consist of a zero, and four coated plates.
- Certification is provided by PCWI and traceable to National and International Standards via NMIA and NIST Certified equipment.
- **Supplied with NATA Endorsed certificate.**
- Complies with the requirements of AS3894.3-2002 (9.3.1)
- All standards are housed in a leatherette folder.
- Available in combined imperial/metric ranges.
- **The thickness of each plate can be manufactured to your requirement.**

### Thickness Ranges

#### Ferrous & Non-ferrous:

10µm	to 50µm	(in 5µm increments)
50µm	to 100µm	(in 10µm increments)
100µm	to 200µm	(in 25µm increments)
200µm	to 500µm	(in 50µm increments)
500µm	to 1000µm	(in 100µm increments)
1000µm	to 1500µm	(in 250µm increments)
1500µm	to 12500µm	(in 500µm increments)

### Example Sets

Heavy Duty Coating  
0, 75, 150, 250, and 500µm

Galvanising  
0, 50, 80, 125, and 200µm

Powder Coating  
0, 35, 75, 125, and 175µm

Plating & Anodising  
0, 10, 15, 20 and 40µm

Ultra High Builds  
0, 750 to 12500µm

Made in **AUSTRALIA**



### Specifications

#### Plate size:

35 x 35 x 2mm (up to 550µm);  
43 x 43 x 2mm (above 550µm).

#### Base material:

Steel(Ferrous);  
Aluminium(Non-Ferrous).

#### Thickness material:

Epoxy (up to 550µm);  
Acrylic (above 550µm).

#### Resolution:

0.01µm

#### Uncertainty of Measurement:

##### Steel (Ferrous):

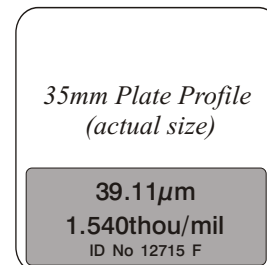
±0.25µm at 95% confidence level (up to 6000µm);  
±0.40µm at 95% confidence level (6000µm to 12500µm)

##### Aluminium (Non-Ferrous):

±0.30µm at 95% confidence level (up to 6000µm);  
±0.45µm at 95% confidence level (6000µm to 12500µm)

#### Area of measurement:

Centre of white exposed area



### Also Available

#### Measured Test Films (Shims) Zero Plates

Working or Certified sets in various Ferrous or Non-ferrous thicknesses.

### PCWI International Pty Ltd

13 Alhambra Avenue CARDIFF NSW 2285

Ph: (02) 4954 3900 • Fax: (02) 4954 3999

email: sales@pcwi.com.au • <http://www.pcwi.com.au>

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