

Before you start, ensure the wet film comb is clean and undamaged. Damage or an unclean tool will affect the readings.

Using A Wet Film Comb

1. Hold the comb perpendicular to the wet film and press the edge of the comb into the film until it is stable on the substrate.
2. Remove the comb from the wet film.
3. Examine the teeth of the comb and locate the last tooth which is wetted. Read the thickness value of this tooth. The wet film thickness is between this value & the thickness value of the next dry tooth.

In the example shown, the wet film thickness lies between 2400µm and 2600µm. To use the comb on pipes, ensure it is placed parallel to the longitudinal axis of the pipe. On rough surfaces, measurements will be made from the surface peaks and therefore will represent the minimum wet film thickness.

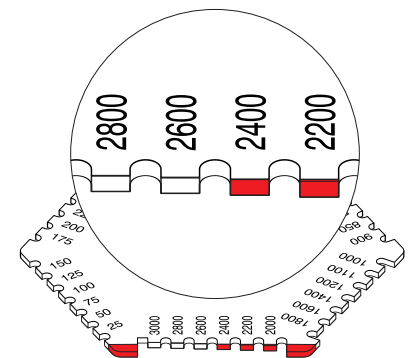
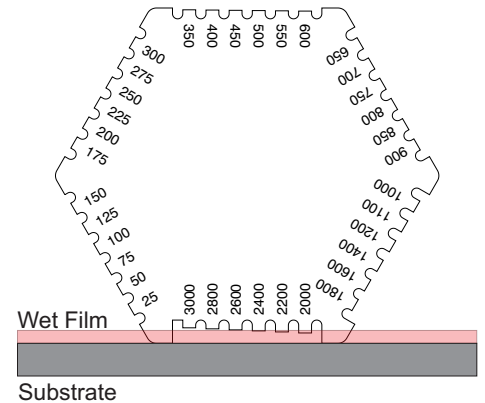
Clean the wet film comb or wheel after each test using a suitable solvent. After cleaning, ensure that all materials are removed and that the gauge is dry.

The Elcometer 154 Wet Film Combs are made from ABS plastic and are designed to be used once and kept as a record of wet film thickness measurement for quality assurance or customer requirements. Metric and Imperial values are on the same comb, 50 to 800µm on one side, 2 to 32mils on the other. Supplied in a pack containing 500 combs. Each comb has 16 measurement steps.

STANDARDS:
BS 3900-C5-7B, ISO 2808-1A, ISO 2808-7B, JIS K 5600-1-7, NF T30-125

Technical Data

- ▶ Accuracy Nominal Values
- ▶ Dimensions: 40 x 40mm (1.57 x 1.57")
- ▶ Weight: 900g (2lb)



Part Number	Range	Measurement Steps
B154----1	Side A: 50 - 800µm	50, 65, 75, 90, 100, 125, 150, 175, 200, 250, 300, 400, 500, 600, 700, 800µm
	Side B: 2 - 32mils	2, 2.5, 3, 3.5, 4, 5, 6, 7, 8, 10, 12, 16, 20, 24, 28, 32mils
Accuracy	Nominal Values	