

elcometer® 155 Uncured Powder Film Comb

NB : Saved 66% Powder for a Shelving Manufacturer



The Elcometer 155 is designed to measure uncured powder coating film thickness. This enables the application system to be set up and fine tuned prior to the curing process. In turn, this will reduce the amount of scrap and overspray, saving both time and money.

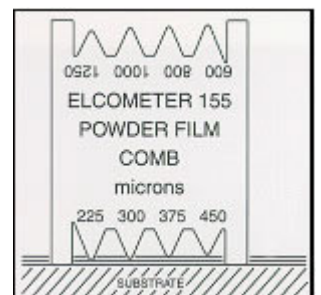
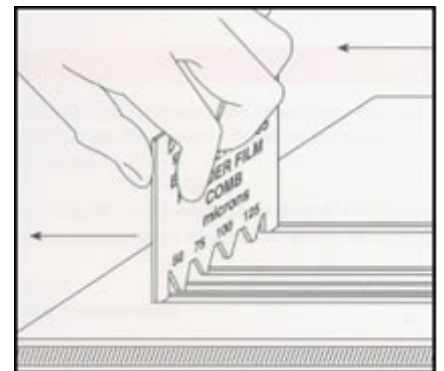
Using the Elcometer 155 enables application system adjustments to be made easily without the need to cure and then check.

Features

- Improves quality
- Saves money
- Saves on rework
- Fast, easy to use
- Durable, stainless steel
- Metric and imperial versions

Specifications

Width:	38mm
Length:	46mm
Weight:	18g
Tooth Accuracy:	±5µm
Range A:	50 – 225µm
Teeth Sizes: Side 1:	50, 75, 100, 125µm 150, 175, 200, 225µm
Range B:	225 – 1250µm
Teeth Sizes: Side 2:	225, 300, 375, 450µm 600, 800, 1000, 1250µm



Part Numbers

B15513573-5	Elcometer 155 Powder Film Comb (50 - 225µm)
B15513573-6	Elcometer 155 Powder Film Comb (225 - 1250µm)
B15513573-10	Metric Powder Comb Set (50 – 225 & 225 – 1250µm)

Test Method

The use of powder to coat a product has, up until now, one drawback - the ability to measure the uncured powder thickness.

With a wet film comb, the comb is placed perpendicular to the coating and removed and the thickness read. With a powder, this technique cannot be used as the powder would simply be crushed thereby making the test meaningless as it is necessary to have the two end teeth touching the substrate.

To this end, the Elcometer 155 Uncured Powder Comb, is placed perpendicular to the coating and drawn across the surface - thereby generating lines in the powder where the comb teeth touch it.

The uncured powder film thickness lies between the biggest value tooth generating a line in the powder and the smallest value tooth which has not generated a line in the powder.