

Blastrite (Pty) Ltd
P.O. Box 5515
Cape Town
South Africa
Tel. : +27 21 417 1700
Fax. : +27 21 425 2341
E-mail : sales@blastrite.com

Commercial Information
SURFACE PREPARATION INNOVATION

Version Date: January 2011

Title: Elcometer Wet Film Thickness Combs

ELCOMETER WET FILM THICKNESS COMBS

Elcometer's hexagonal precision-formed wet film combs are ideal for measuring the thickness of a coating to ensure optimal surface preparation. They vary in size, giving either 24 or 36 measurement steps - depending on the comb, providing increased accuracy.



Why measure wet film thickness?

It is important that a coating is thick enough to prevent premature failing, but applying a coating too thickly wastes time and money. In order to control process variables, it is often desirable that measurements are made while the film is still wet. Wet film measurements are also useful for systems where the dry film thickness can only be measured destructively.

Features & benefits

- Long lasting and reusable
- Supplied in a range of thicknesses measuring up to 3000µm (120mils)
- Available in hard wearing steel and aluminium, or plastic for once-off use

Technical information

Elcometer	3236	112	112AL	115	3238	154
No of Scales	2	1	1	4	3	1
No of Teeth	36	36	36	10	24	16
Scale 1 Range	20 - 370µm	25 - 3000µm	25 - 3000µm	20 -325µm	50 -120µm 5 steps	5 -800µm
Scale 2 Range	25 - 2000µm			50 - 450µm	25 steps	
Scale 3 Range				50 - 750µm	50 steps	
Scale 4 Range				125 -1250µm		

Note: Can be used in accordance with ISO 2808-7B, ASTM D 4414-A, BS 3900-C5-7B, and NF T30-125

How to use a Wet Film Comb

1. Place a comb perpendicular to and touching the substrate. Hold the comb in position and wait a few seconds until the teeth are wet.
2. Remove the comb from the film.
3. The wet film thickness lies between the biggest value 'coated' or 'wet' tooth and the smallest value 'uncoated' or 'dry' tooth.

SURFACE PREPARATION INNOVATION

Portable/Stationary Abrasive Blast Equipment - Nozzles - Nozzle Holders - Hoses - Couplings - Lighting
Wetblast Equipment - High Pressure Waterjetting - Personal Protection - Blast Cabinets - Dehumidifiers
Blastrooms Vacuum Blast/Recovery Equipment - Portable/Stationary Wheelblast Equipment
Pipe Cleaning/Coating - Air Treatment - Mobile Dust Collectors - Media - Paintspray Equipment
Plural Component - Measuring Instruments