

## New Feature on Elcometer 112 Stainless Steel Wet Film Combs

We are pleased to announce the addition of a new feature on the Elcometer 112 Stainless Steel Wet Film Combs.

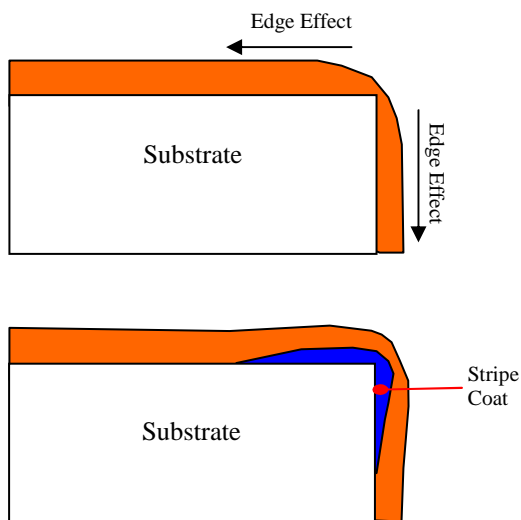


Figure 1: Stripe Coat Illustration

As a coating is applied near a corner or the edge of a substrate, the lack of surface tension at the edge causes the paint to withdraw away from the corner. This leaves the edges open to corrosion due to lack of suitable film thickness.

In marine and other protective coating applications, this "edge effect" is minimised by the addition of a stripe coat on all edges and corners prior to a full coating application (See Figure 1).

The IMO PSPC (Performance Standard for Protective Coatings) and other Standards also minimise the "edge effect" by requiring either a single or a 3 pass grinding process or a minimum edge radius of >2mm (See Figure 2), which is usually created using hand tools.

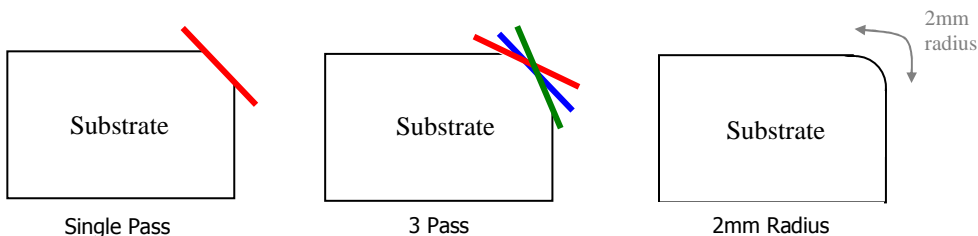


Figure 2: Grinding Process Illustration

A 2mm internal radius profile has now been added to the Elcometer 112 Stainless Steel Wet Film Combs, allowing users to quickly check that the roundness of the edge is acceptable (See Figure 3).

Simply place the 2mm curve against the edge of the substrate to determine if the curvature is greater or less than 2mm.

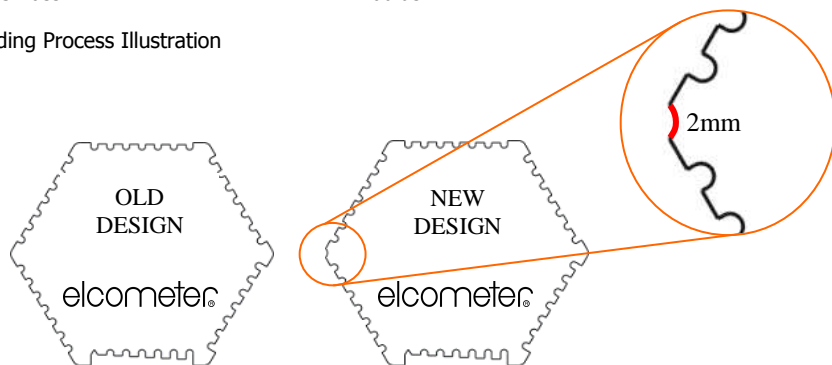


Figure 3

This new feature will be incorporated within the next build of Elcometer 112 Stainless Steel Wet Film Combs.