

# WET FILM COMB

## WHAT IS A WET FILM COMB?

Protective Coatings are engineered to fulfil certain performance criteria when applied according to very specific dry film thicknesses.

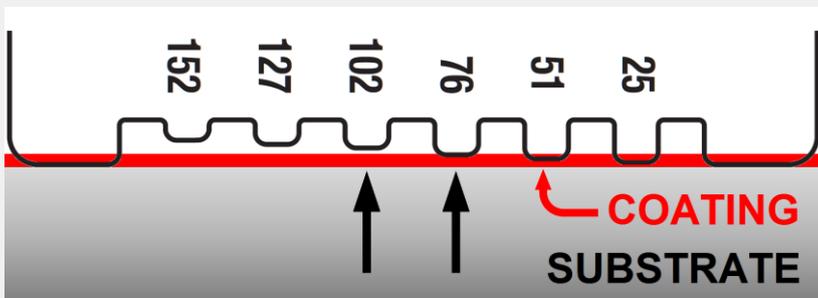
Dulux Product Data sheets always include the minimum, maximum and recommended wet film thickness and corresponding dry film thickness that the coating is to be applied.

To measure the wet film thickness during application, a wet film comb (also known a wet film gauge) is often used. It is a very simple and quick tool for measuring the film thickness of wet paint.

A wet film comb is a rectangular piece of metal or plastic with “teeth” of various lengths, each representing a different film thickness. The longest teeth are at the top and bottom of each side of the rectangle.

## HOW TO USE A WET FILM COMB

1. Find the Wet Film Thickness range you wish to use on the comb
2. Press the comb firmly onto the wet surface so that the longest teeth are hard against the substrate
3. Pull the comb away and note the longest tooth with paint on it and the next tooth without paint
4. The wet film thickness lies between these two readings
5. Wipe clean and repeat on another two areas to get an average reading
6. Clean the comb thoroughly after use



The illustration shows that there is no paint touching the 102 µm tooth, but there is on the 76 µm tooth, indicating that the wet film thickness is over 76 µm and under 102 µm.

The wet film comb is so easy to use and can be purchased from selected Dulux Trade Outlets and from your Dulux Protective Coatings Technical Consultant.

*For more information, please contact the Dulux Protective Coatings Technical Consultant in your state.*



*The Dulux Protective Coatings wet film gauge or wet film comb*



*The comb has red paint on the first two teeth, 889 and 1016 µm but none on the 1143 µm tooth, showing that the coating is at least 1016 µm*

