



Procedure for Opacity Test

A ceiling board was primed with white paint and dried at room temperature.

25ml of the different paint formulations was poured into a beaker.

The brush to be used was dipped into the paint sample produced before it was dipped into the 25ml beaker to prevent the brush from taking too much of the paint.

It was used to paint the ceiling board and the area of the painted surface was taken to find the opacity of the paint.

$$\text{Opacity} \left(\frac{m^2}{l} = \frac{\text{area of painted surface}}{\text{volume of paint applied}} \right)$$



Duo Reflectometer