

It's not what you look at that matters,
it's what you see!

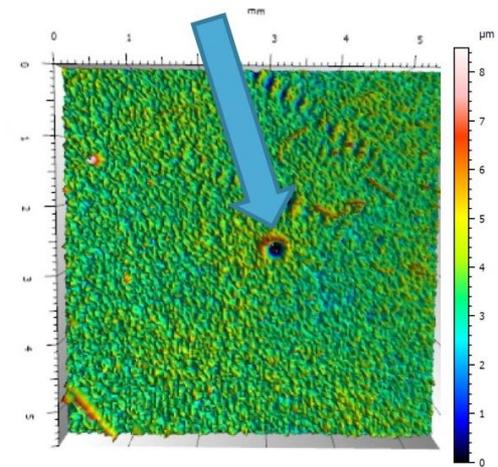
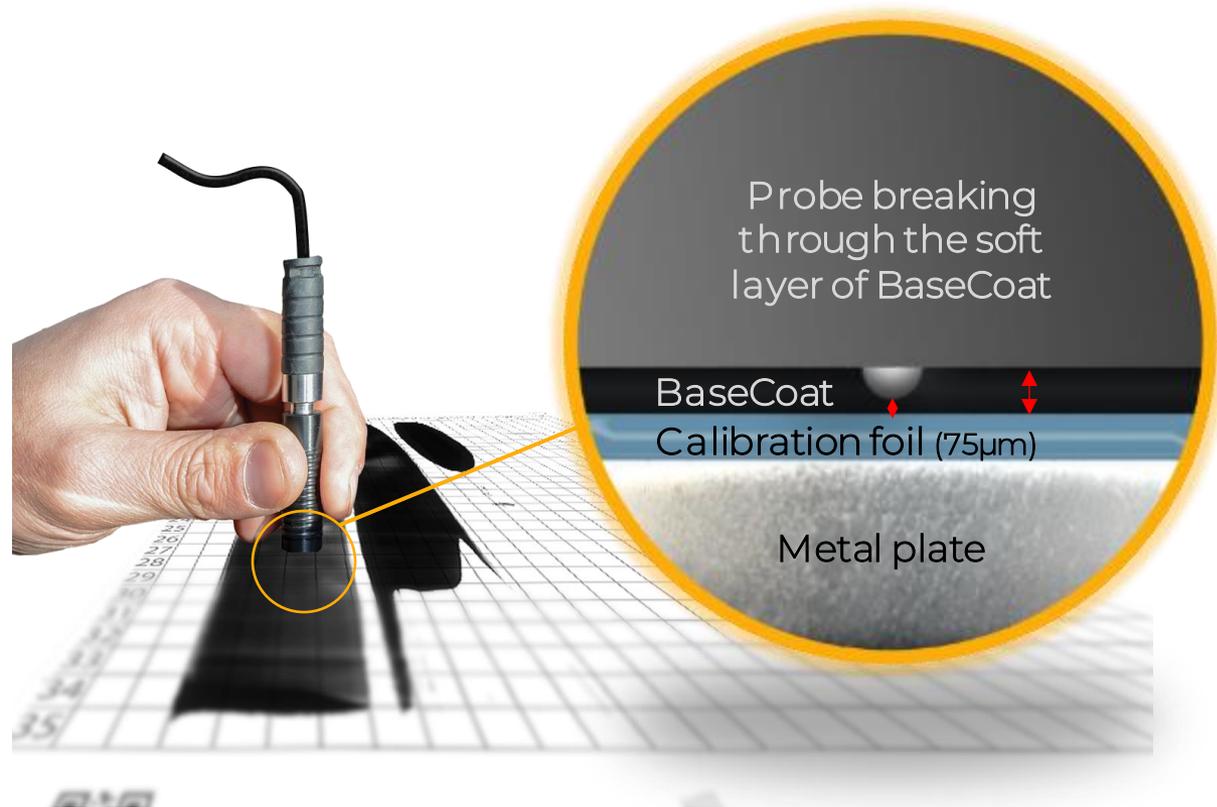


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Calibration of uncured soft Basecoat

Description of the problem

BCs with slow and non-reactive binder are showing prints of the measurement, this phenomenon causes inaccuracy in the thickness measurement and the resulting calibration is inaccurate and does not match with the microscope measurement.



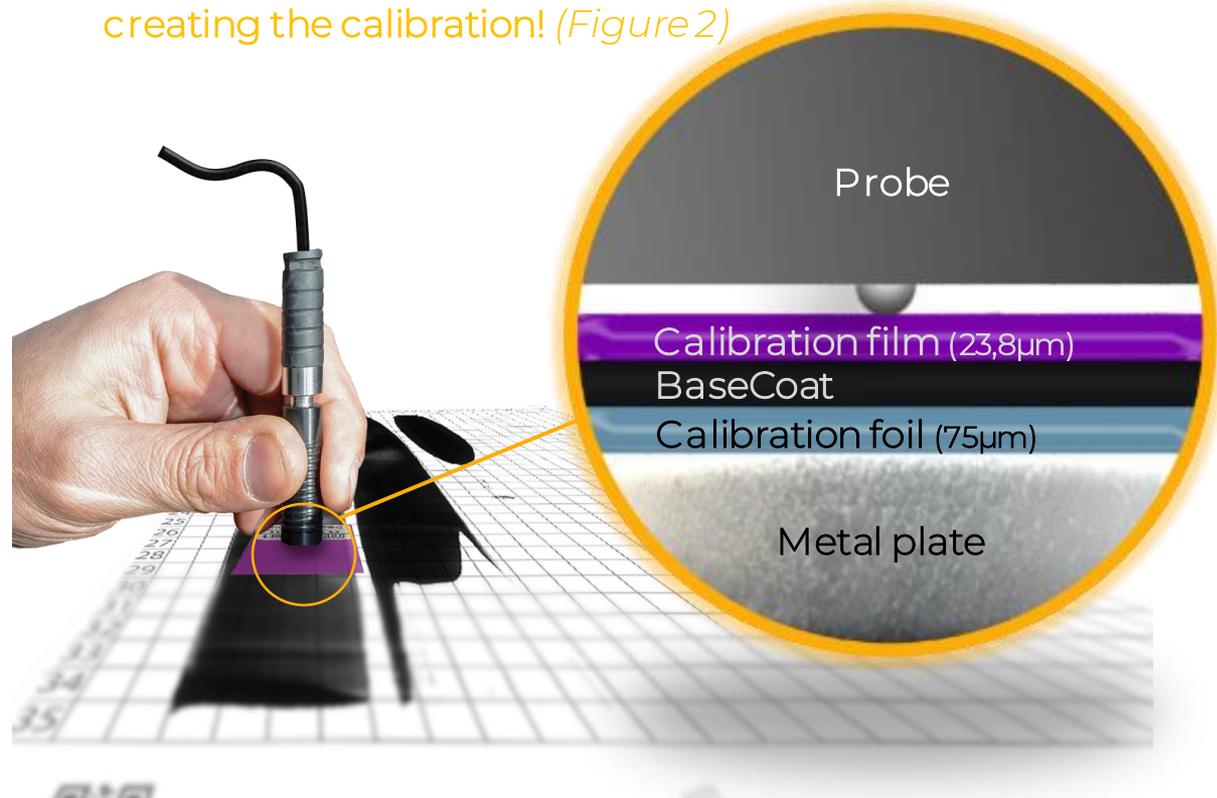
* Print of Measurement probe

Calibration of uncured soft Basecoat

Solution n.1

Use a thin calibration film to mitigate or eliminate probe bleed into the soft paint.
A set of calibration films is included with commonly used ferromagnetic meter types (Figure 1).
Can be supplied, please contact your SprayVision sales representative if you need more information.

The thickness of the calibration film must be added to the total thickness of the clean film when creating the calibration! (Figure 2)



*Figure2 – Adjusted clean foil in SW



*Figure1 – calibration film



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Calibration of uncured soft Basecoat

Description of the steps and their sequence in the process of creating a calibration



Apply BC on calibration foil with roller or dynamic spray



Capture wet BC applied on calibration foil



Flash-off on flat surface before the curing – time base on used BC
(typically 15-30min)



Curing on flat surface
120 °C - 90min



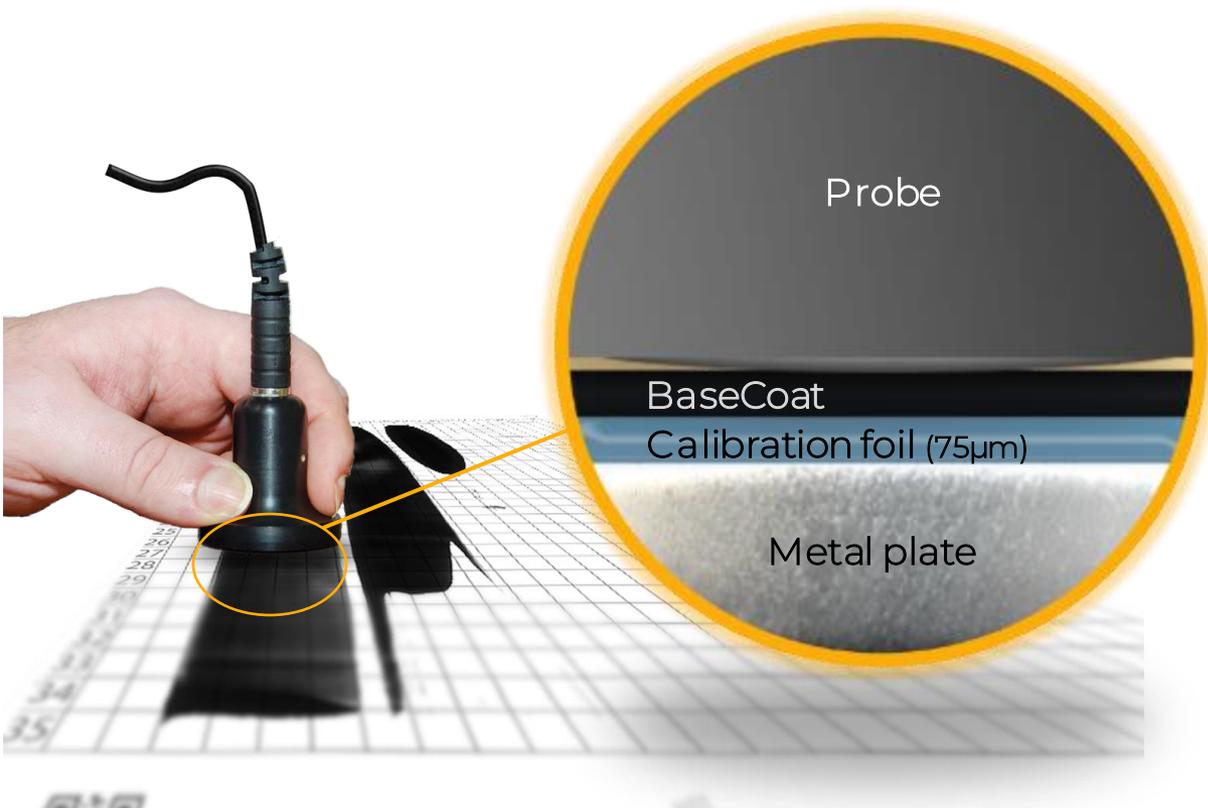
Thickness measurement over additional calibration film

Calibration of uncured soft Basecoat

Solution n.2

Use a probe designed specifically for soft paints.

in the case of using the Elcometer brand, it is a type of probe T456CF2B



Basic probe



T456CF2B - designed specifically for soft paints

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