



VEXCON
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Protecting and improving concrete since 1974

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FILM THICKNESS GAUGE INSTRUCTIONS

Instructions for converting wet film gauge reading to dry film thickness

The gauge measures the "wet film" thickness, so you want to do this right after each coat

Calculate your DFT=Wet film multiply by volume solids

Calculate your wet film thickness (WFT) = DFT divided by dry film vol. solids (volume solids is on product data sheets)

Repeat for first and second coat.

This will convert your measurement (wet) to final dry film thickness (DFT).

Example: Powercoat One Clear

Desired DFT- 3.68 mils (150 sq. ft)

Each coat (@300 Sq. ft) = 1.84 mils Dry

The calculation is desired DFT for each coat divided by volume solids.

1.84 desired DFT for each coat / Volume solids of .34 =5.41 WFT for each coat or (between 5 and 6 on the gauge)

Conclusion:

Apply two coats between 5 and 6 on the gauge (5.41 WFT) to yield a DFT of 1.84 per coat or 3.68 mils final DFT after applying two coats (150 sq. ft. per gl.)