

Conceptual Errors

It is calculated...not measured.

NET AREA is not measured. It is a calculated number determined as follows:

Net Area = Gross Area (x) % Solid

So: *First* determine % Solid

% Solid = Net Volume ÷ Gross Volume

1. Calculate Net Volume $V_n = \text{Net Volume, ft.}^3 = \frac{W_s - W_i}{62.4} = \frac{W_d}{D}$
2. Calculate Gross Volume $V_g = \text{Gross Volume} = (L \times W \times H) \div 1728$
3. Calculate % solid $V_n/V_g =$
4. Take Gross Area (x) % Solid = Net area = A_n

EQUIVALENT THICKNESS is not a measured value, it is calculated as follows:

$T_e = \text{Equivalent Thickness} = \text{Thickness (Width)} (x) \% \text{ Solid.}$

Note: REF C 140-08a—Section 9 for detailed instructions.