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APPENDIX

Both the American Society for Testing and Materials and the American Concrete Institute require that a table of conversion factors of "inch-pound" units to SI units (or vice-versa) be included at the end

202 CONCRETE ADMIXTURES

of a document. Those conversion factors that apply to the preceding chapters are given in the following table.

Selected Conversion Factors

TO CONVERT FROM	TO	MULTIPLY BY
degree Fahrenheit (°F)	degree Celcius (°C)	$t^{\circ}\text{C} = (t^{\circ}\text{F} - 32)/1.8$
foot (ft)	meter (m)	3.048×10^{-1}
foot ² (ft ²)	square meter (m ²)	9.290×10^{-2}
foot ³ (ft ³)	cubic meter (m ³)	2.832×10^{-2}
inch (in.)	meter (m)	2.540×10^{-2}
inch ² (in. ²)	square meter (m ²)	6.452×10^{-4}
ounce (U.S. fluid oz)	cubic centimeter (cm ³)	2.957×10^{-1}
pound-foot/in. ² (psi)	pascal (Pa)	6.895×10^{-3}
yard ³ (yd ³)	cubic meter (m ³)	7.645×10^{-1}
ton (short, 2000 lb)	kilogram (kg)	9.072×10^2
centemeter ² /gram (cm ² /g)	meter ² /kilogram (m ² /kg)	1.000×10^{-1}
micron (μm)	inch (in.)	3.937×10^{-5}
pound (lb)	kilogram (kg)	4.536×10^{-1}
pound/cubic yard (lb/yd ³)	kilogram/cubic meter (k/m ³)	5.933×10^{-1}

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