

— Industrialized Buildings Commission —

Number
00-01

Effective Date: April 3, 2000

Subject: Thermal transmittance- (U-)
versus Thermal resistance-
(R-) Values on data plates

Reference: MRR, Part IV, Section 1(11)

ISSUE: MRR, Part IV, Section 1(11) requires manufacturers to provide thermal transmittance- (U-) values on data plates. Is it acceptable to provide thermal resistance- (R-) values instead?

INTERP.: If energy codes require thermal resistance- or U-values to be calculated (or be derived from tables) to demonstrate compliance, then the manufacturer must provide these U-values on the data plate.

If a building is deemed to comply with the energy code requirements when components are provided with insulation equal to or greater than the R-value specified in the code (see Chapter 7672.0800, Subpart 4 of the Minnesota Energy Code and Chapter 6, Table 602.0 of the Rhode Island State Energy Code), then the manufacturer may provide R- rather than U-values on data plates.

FORMAL INTERPRETATION