

**NC Department of Insurance
Office of the State Fire Marshal - Engineering Division
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Building Envelope Requirements for Commercial Building Above Grade Walls

Code: 2002 Energy Code
Section: 802.2.1; Table 802.2

Date: May 6, 2005

Question:

When using the building envelope prescriptive tables in Chapter 8 for commercial buildings for above grade walls, must I use both the cavity R-value and the continuous R-value in combination or can I use one or the other values alone to satisfy the insulation requirement?

Answer:

Use both the cavity R-value and the continuous R-value in combination to satisfy the insulation requirement in Chapter 8 for commercial buildings for above grade walls. One or the other R-value alone does not satisfy the insulation requirement for above grade walls.

Keywords:

Commercial building above grade wall