

**NC Department of Insurance  
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**Commercial Building Above-Grade Wall Insulation Requirements**

**Code:** 2002 Energy Code

**Date:** February 28, 2005

**Section:** 802.2.1

**Question:**

For commercial buildings, when applying the provisions of Table 802.2(1) through (4), is it required to satisfy both the cavity R-value requirement and the continuous R-value requirement when both are present in the table?

**Answer:**

Yes, the 2002 NC Energy Code, Section 802.2.1 requires that when both cavity and continuous insulation values are present in the Table 802.2(1) through (4), both requirements shall be met. Note that the proper selection of table (1) through (4) is dependent on determining the percentage of window and glazed door area as a percentage of above grade wall area.

**Keywords:**

above-grade wall insulation requirements