

2021 Virginia Construction Code

CHAPTER 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES

SECTION 1508 ROOF INSULATION

[BF] 1508.1 General.

The use of above-deck thermal insulation shall be permitted provided that such insulation is covered with an approved *roof covering* and passes the tests of [NFPA 276](#) or [UL 1256](#) when tested as an assembly.

Exceptions:

1. Foam plastic roof insulation shall conform to the material and installation requirements of [Chapter 26](#).
2. Where a concrete or [composite metal and concrete](#) roof deck is used and the above-deck thermal insulation is covered with an approved *roof covering*.

[BF] 1508.2 Material standards.

Above-deck thermal insulation board shall comply with the standards in [Table 1508.2](#).

[BF] TABLE 1508.2
MATERIAL STANDARDS FOR ROOF INSULATION

Cellular glass board	ASTM C552
Composite boards	ASTM C1289 , Type III, IV, V or VII
Expanded polystyrene	ASTM C578
Extruded polystyrene	ASTM C578
Fiber-reinforced gypsum board	ASTM C1278
Glass-faced gypsum board	ASTM C1177
High-density polyisocyanurate board	ASTM C1289 , Type II, Class 4
Mineral fiber insulation board	ASTM C726
Perlite board	ASTM C728
Polyisocyanurate board	ASTM C1289 , Type I or II
Wood fiberboard	ASTM C208 , Type II

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