

# 2021 Virginia Construction Code

## CHAPTER 14 EXTERIOR WALLS

### SECTION 1407 EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS)

#### 1407.1 General.

The provisions of this section shall govern the materials, construction and quality of *exterior insulation and finish systems* (EIFS) for use as *exterior wall coverings* in addition to other applicable requirements of [Chapters 7, 14, 16, 17](#) and [26](#).

#### 1407.2 Performance characteristics.

EIFS shall be constructed such that it meets the performance characteristics required in [ASTM E2568](#).

#### [BS] 1407.3 Structural design.

The underlying structural framing and substrate shall be designed and constructed to resist *loads* as required by [Chapter 16](#).

#### 1407.4 Weather resistance.

EIFS shall comply with [Section 1402](#) and shall be designed and constructed to resist wind and rain in accordance with this section and the manufacturer's application instructions.

##### 1407.4.1 EIFS with drainage.

EIFS with drainage shall have an average minimum drainage efficiency of 90 percent when tested in accordance the requirements of [ASTM E2273](#) and is required on framed walls of Type V construction, Group R1, R2, R3 and R4 occupancies.

##### 1407.4.1.1 Water-resistive barrier.

For EIFS with drainage, the *water-resistive barrier* shall comply with [Section 1403.2](#) or [ASTM E2570](#).

#### 1407.5 Installation.

Installation of the EIFS and EIFS with drainage shall be in accordance with the EIFS manufacturer's instructions.

#### 1407.6 Special inspections.

EIFS installations shall comply with the provisions of [Sections 1704.2](#) and [1705.17](#).