

# 2021 Virginia Construction Code

## CHAPTER 26 PLASTIC

### SECTION 2614 REFLECTIVE PLASTIC CORE INSULATION

#### **2614.1 General.**

The provisions of this section shall govern the requirements and uses of reflective plastic core insulation in buildings and structures. Reflective plastic core insulation shall comply with the requirements of [Section 2614](#) and of [Section 2614.3](#) or [2614.4](#).

#### **2614.2 Identification.**

Packages and containers of reflective plastic core insulation delivered to the job site shall show the manufacturer's or supplier's name, product identification and information sufficient to determine that the end use will comply with the code requirements.

#### **2614.3 Surface-burning characteristics.**

Reflective plastic core insulation shall have a *flame spread index* of not more than 25 and a *smoke-developed index* of not more than 450 when tested in accordance with [ASTM E84](#) or [UL 723](#). The reflective plastic core insulation shall be tested at the maximum thickness intended for use. Test specimen preparation and mounting shall be in accordance with [ASTM E2599](#).

#### **2614.4 Room corner test heat release.**

Reflective plastic core insulation shall comply with the acceptance criteria of [Section 803.1.1.1](#) when tested in accordance with [NFPA 286](#) or [UL 1715](#) in the manner intended for use and at the maximum thickness intended for use.