

# 2.4 Design and Construction Requirements

*Appendix material, shown in shaded boxes at the bottom of the page, is advisory only.*

## ■ 2.4-1 General

### 2.4-1.1 Application

**2.4-1.1.1** This chapter contains elements that are common to most types of residential health, care, and support facilities. The elements are required only when referenced in a common element or specific facility chapter in Part 3 (Residential Health Facilities), Part 4 (Residential Care and Support Facilities), and Part 5 (Non-Residential Support Facilities).

**2.4-1.1.2** Additional specific requirements are located in the facility chapters in Parts 3, 4, and 5. Consult the facility chapters to determine whether elements in this chapter are required.

### 2.4-1.2 Building Codes and Standards

#### 2.4-1.2.1 Building Codes

All parts of a residential health, care, and support facility shall be designed and constructed in accordance with applicable building codes; engineering practices and standards; and applicable sections of NFPA 101: *Life Safety Code*®.

#### 2.4-1.2.2 Construction Requirements

**2.4-1.2.2.1 Interior finishes.** Interior finish materials used for architectural details, surfaces, and furnishings shall comply with the flame-spread limitations and smoke-production limitations in NFPA 101.

**2.4-1.2.2.2 Insulation materials.** Building insulation materials, unless sealed on all sides and edges with noncombustible material, shall have a flame-spread rating of 25 or less and a smoke-developed rating of 150 or less when tested in accordance with NFPA 255: *Standard Method of Test of Surface Burning Characteristics of Building Materials*.

## ■ 2.4-2 Architectural Details, Surfaces, and Furnishings

### 2.4-2.1 General

#### 2.4-2.1.1 Application

##### 2.4-2.1.1.1 Applicable standards

- \***(1)** All materials and products selected and specified for residential health, care, and support facility design and construction projects shall meet local, state, and federal regulations and industry standards for infection control and assembly or construction.
- (2)** National testing standards shall be used to verify whether a product or material provides specific characteristics.

**\*2.4-2.1.1.2** Selected materials and products shall comply with application and use requirements and shall support the findings of the resident safety risk assessment (RSRA) and model of care, which are documented in the functional program.

## APPENDIX

**A2.4-2.1.1.1 (1)** For additional information, see the white paper "Resources for Selecting Architectural Details, Surfaces, and Furnishings for Health Care Facilities" posted on the FGI website.

**A2.4-2.1.1.2** Selection of finishes and materials for furnishings should include resident input based on the model of care.