

## 2021 Virginia Construction Code

### CHAPTER 25 GYPSUM BOARD, GYPSUM PANEL PRODUCTS AND PLASTER

#### SECTION 2513 EXPOSED AGGREGATE PLASTER

##### 2513.1 General.

Exposed natural or integrally colored aggregate is permitted to be partially embedded in a natural or colored bedding coat of *cement plaster* or *gypsum plaster*, subject to the provisions of this section.

##### 2513.2 Aggregate.

The aggregate shall be applied manually or mechanically and shall consist of marble chips, pebbles or similar durable, moderately hard (three or more on the Mohs hardness scale), nonreactive materials.

##### 2513.3 Bedding coat proportions.

The bedding coat for interior or exterior surfaces shall be composed of one part Portland cement and one part Type S lime; or one part blended cement and one part Type S lime; or masonry cement; or plastic cement and not more than three parts of graded white or natural sand by volume. The bedding coat for *interior surfaces* shall be composed of 100 pounds (45.4 kg) of neat *gypsum plaster* and not more than 200 pounds (90.8 kg) of graded white sand. A factory-prepared bedding coat for interior or exterior use is permitted. The bedding coat for exterior surfaces shall have a minimum compressive strength of 1,000 pounds per square inch (6895 kPa).

##### 2513.4 Application.

The bedding coat is permitted to be applied directly over the first (scratch) coat of plaster, provided that the ultimate overall thickness is not less than  $\frac{7}{8}$  inch (22 mm), including lath. Over concrete or masonry surfaces, the overall thickness shall be not less than  $\frac{1}{2}$  inch (12.7 mm).

##### 2513.5 Bases.

Exposed aggregate plaster is permitted to be applied over concrete, masonry, *cement plaster* base coats or *gypsum plaster* base coats installed in accordance with [Section 2511](#) or [2512](#).

##### 2513.6 Preparation of masonry and concrete.

Masonry and concrete surfaces shall be prepared in accordance with the provisions of [Section 2510.7](#).

##### 2513.7 Curing of base coats.

*Cement plaster* base coats shall be cured in accordance with [ASTM C926](#). Cement plaster bedding coats shall retain sufficient moisture for hydration (hardening) for 24 hours minimum or, where necessary, shall be kept damp for 24 hours by light water spraying.