



Technical Bulletin 1-07

Date: October 22, 2007

Subject: Revision of paragraph 2.20.1 Roof Insulation/Coverboard Minimum Criteria & Restrictions – ASTM C 1278 Unfaced Gypsum Board

Effective on the above date, the existing paragraph below is being replaced by the new paragraph.

Existing paragraph:

Unfaced gypsum coverboard must meet ASTM C 1278 standards. Minimum thickness is one-quarter ($\frac{1}{4}$ ") inch (6.4 mm). As a coverboard over thermal insulation, unfaced gypsum may be pre-secured, mechanically anchored, adhered with acceptable asphalt, or adhered with acceptable cold adhesive. As a thermal barrier installed below the thermal insulation and/or roof membrane, the minimum thickness is one-half ($\frac{1}{2}$ ") inch (13 mm). In all applications where the roof membrane, or vapor barrier will be applied directly to the unfaced gypsum, an application of Soprema Elastocol Primer, or ASTM D 41 asphalt primer, is required.

New paragraph:

Unfaced gypsum coverboard must meet ASTM C 1278 standards. Minimum thickness is one-quarter ($\frac{1}{4}$ ") inch (6.4 mm). As a coverboard over thermal insulation, unfaced gypsum may be pre-secured, mechanically anchored, adhered with acceptable asphalt, or adhered with acceptable cold adhesive. As a thermal barrier installed below the thermal insulation and/or roof membrane, the minimum thickness is one-half ($\frac{1}{2}$ ") inch (13 mm). In applications where the roof membrane or vapor barrier will be heat welded or self-adhered directly to the unfaced gypsum, an application of Soprema Elastocol 500 Primer, or other ASTM D 41 asphalt primer, is required. In high wind zone applications where the roof membrane or vapor retarder is self-adhered directly to the unfaced gypsum, Elastocol 600c primer may be required. Contact the Soprema Technical Department for additional information. In applications where the roof membrane or vapor barrier will be hot asphalt or cold adhesive applied directly to the unfaced gypsum, priming is not required.

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