

Tectum I Roof Decks used under Class A roof coverings will maintain the rating for coverings over noncombustible decks.

The 1997 UL Roofing Materials and Systems Director on Page 13 states: "Minimum 2 in. thick unfaced structural cement-fiber units, formed into slabs or boards and Classified under CIYT in the Fire Resistance Directory are suitable alternatives as roof decks for all Classified roofing systems intended for use over noncombustible decks." Tectum I Roof Deck panels are Classified under CIYT.

Tectum III Roof Decks utilize APA rated sheathing of  $\frac{7}{16}$  in. oriented strand board. The same page of the UL Directory states: "The use of  $\frac{7}{16}$  in. (minimum) thick non-veneer APA rated sheathing (oriented strand board panels, structural particleboard panels, composite panels or waferboard panels) is a suitable alternative to  $\frac{15}{32}$  in. (minimum) thick plywood specified in the Class A, B, and C classifications for the individual manufacturers.

Tectum Roof Deck panels can be used with a large variety of roofing materials while maintaining the ratings achieved by the roof covering manufacturer.

Class I decks as rated by Factory Mutual does not address fire from the exterior as does Class A, B, and C. Tectum I Roof Decks meet the requirement for Class I as tested by Factory Mutual Research Corporation. This report is in Technical Bulletin T-61.