



Use of Rmax Roof Insulations in UL Classified Fire Rated Roof - Ceiling Assemblies

Rmax has tested and obtained classification through Underwriters Laboratories for the use of Rmax roofing insulation products Multi-Max® FA-3, Multi-Max®-3, Tapered Therमारoo®-3, and Ultra-Max® as the roof insulation in fire endurance rated roof-ceiling assemblies. These assemblies are commonly called "P-Number" designs and are specifically shown in the latest edition of Underwriters Laboratories "Fire Resistance Directory".

Rmax products are suitable for use in the following Underwriters Laboratories "P-number" designs: P225, P230, P259, P302, P303, P508, P510, P514, P519, P701, P710, P713, P717, P718, P719, P720, P722, P723, P727, P728, P729, P730, P732, P734, P735, P739, P741, P742, P743, P745, P747, P819, P824, P827, P828 and P829.

The basic outline of a common roof-ceiling assembly wherein the fire proofing is spray applied to the underside of the roof deck and structure is shown in Figure 1 of this

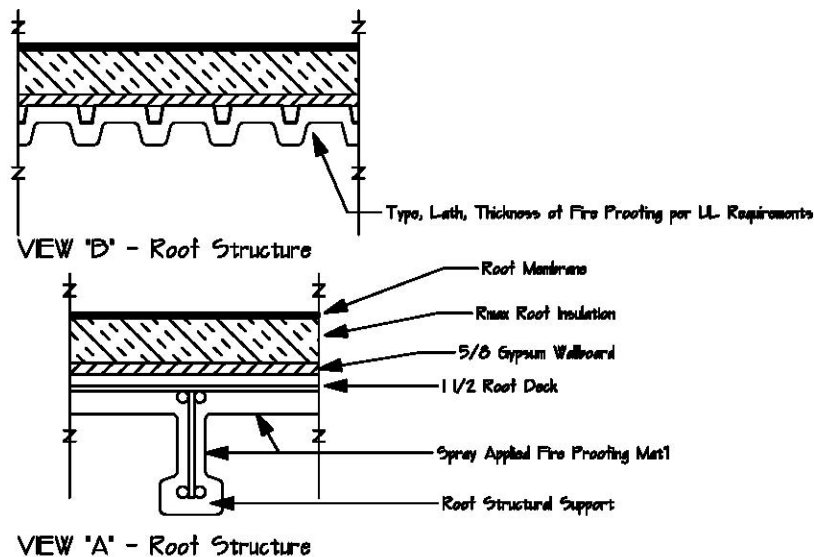


Diagram of UL "P-Number"
 Roof-Ceiling Fire Rated
 Assembly (per UL Standard 263)

Figure 1

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Plants: Dallas, TX Fernley, NV Greer, SC

Bulletin. The proper detailing and construction of these fire-rated assemblies requires strict adherence to the exact products and assembly details as defined by Underwriters Laboratories in the noted manual. This Technical Bulletin provides confirmation of the classification and appropriate designs that are particular to the insulation, however, the specific details concerning the roof structure, deck, fire proofing materials and roof membrane must be obtained from the Underwriters Laboratories Directory. Rmax recommends that all roof designers and applicators obtain the necessary constructions directly from Underwriters Laboratories. These constructions are available on UL's Online Certifications Directory located at the following web address: <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>.

Underwriters Laboratories' recognition of these classifications requires that every detail be followed exactly as specified in the Underwriters Laboratories Directory. Any deviation from the classified products, thickness, and methods of construction renders the roof-ceiling construction meaningless as to its fire resistance ratings that are listed in the directory. Rmax will not render any comment as to the appropriateness of changes in the details from those shown in the Underwriters Laboratories Fire Resistance Manual.

Selection of one of Rmax's UL classified and labeled roof insulations, **Multi-Max® FA-3**, **Multi-Max®-3**, **Tapered Thermarroof®-3**, and **Ultra-Max®**, in conjunction with other UL classified and labeled elements will allow any of the noted roof assemblies to be recognized for a one, one and one-half, or two hour fire rating. Rmax can provide the necessary labels for this UL classification, simply request these labels when ordering your products from Rmax.

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