

GIBRALTAR

BUILDING ACCESSORIES DIVISION

TECHNICAL BULLETIN

Gibraltar – Building Accessories Division Metal Roofing Fire Resistance Ratings

This is to advise; that Gibraltar Building Accessories Division metal roofing panels have been analyzed for fire resistance ratings according to test criteria set forth by Underwriters Laboratories “Standard Fire Tests of Building Construction and Materials” (ANSI/UL 263), and ASTM E119 and NFPA 251.

The fire resistance rating is for the total assembly and not just the external metal roofing panels. Ratings are expressed in hours and vary depending upon the assembly. In general, the test criteria is to evaluate the assembly’s ability to continue to support the imposed loads and to resist the passage of flame, high temperature, or hot gasses, which will ignite combustible sub-assembly, framing, or decking materials.

For detail information on specific assemblies and hourly ratings see the UL Fire Resistance Directory.

For class A or B fire rating requires the installation of; Minimum ¼” thick Georgia Pacific “Dens Deck”, or a minimum 4 mm thick of Partek Insulations, Inc. “Roctex”, or 5/8” water resistant type X gypsum sheathing with treated core and facer, or Elk Corporation “Versa-Shield” underlayment, or Atlas Roofing Corp. FR 10 and FR 50 as a fire-retardant slip sheet over the combustible deck, prior to installing the metal roofing panels. Other approved underlayment products with a current NOA are also considered acceptable.