



THE JM INVINSA® AND INVINSA® FR ROOF BOARD ADVANTAGE

A Product in Demand

Architects, specifiers and contractors generally agree that adding a cover board enhances the long-term performance of single ply as well as cold-applied and self-adhering bituminous roof systems. It adds stability. It adds peace of mind. It adds a layer of protection between your thermal investment and the waterproofing membrane. Invinsa FR maintains all the benefits of standard Invinsa with the added benefit of UL® Class A certifications for single ply systems installed over combustible decks.

A Trusted Roofing Material in a Revolutionary Form

Johns Manville has taken its 25 years of history and expertise in polyisocyanurate manufacturing and developed a revolutionary product based on this technology. Invinsa Roof Boards specifically meet the needs of cold-applied and self-adhering bituminous as well as single ply roofing systems. Their high density, closed-cell formulation introduces a new level of roof system protection and performance. Invinsa FR delivers added performance for single ply roofing systems installed over combustible decks by offering UL Class A certifications.

Invinsa Roof Boards Convert Even the Toughest Critics

How? Simply put, at comparable thicknesses, Invinsa and Invinsa FR are one-third the weight of gypsum cover board materials, and they are easy to cut with virtually no dust. Contractors prefer the use of Invinsa versus gypsum because it is ergonomically friendly to handle and install. Many have observed that their crews tire less on the job and gain more productivity. With their mineral-surfaced, fiber glass-reinforced facers, Invinsa boards provide excellent water resistance. Low water absorption characteristics offer performance benefits in diverse environments. And they need no priming, making installation dramatically faster, easier and less costly.

Efficient Adhesive Application Due to Smooth Surface and Low Dust

Side-by-side roofing tests comparing Invinsa products and gypsum's absorption rates to adhesives tell the story. The porous gypsum surface soaked up the adhesive and softened the board,

resulting in 40% more adhesive used compared to Invinsa products. The smooth, high-quality Invinsa surfaces keep the adhesive where you want it: on the surface—potentially saving up to 15 cents per square foot in adhesive!

Invinsa Saves Money at Every Stage of the Job

Invinsa's and Invinsa FR's light weight—one third the weight of gypsum—translate directly into money saved in shipping, craning and staging on the roof as well as application. This lighter weight can actually mean the difference between a costly tear-off and replacement of the insulation versus a re-cover of existing materials, often resulting in significant savings. The R-value of 1.2 saves energy and money for the building owner—every year for the life of the roof.

The Perfect Solution for Projects With Load Concerns

Every 100 squares of Invinsa or Invinsa FR keep almost five tons of dead weight off the roof compared to the same thickness of gypsum. This means less concern over structural loading and long-term building performance.

Invinsa Delivers a Better, More Durable Roof

Invinsa and Invinsa FR work as protective layers between the membrane and insulation. They resist the destructive forces of fracture caused by hail. Resiliency is a key factor to Invinsa's success in incorporating the right balance of flexibility and compressive strength. With a compressive strength of 150 psi, Invinsa and Invinsa FR products protect the roof from foot traffic, heavily loaded carts, and dropped hammers and other tools.

Considerations When Selecting a Cover Board

When a cover board is incorporated into the roofing assembly, it helps mitigate damaging impacts. But it is important to choose carefully, or the cover board may actually make a roof assembly more vulnerable to fracture and cracking. A cover board with resiliency, like Invinsa, plays a vital role.