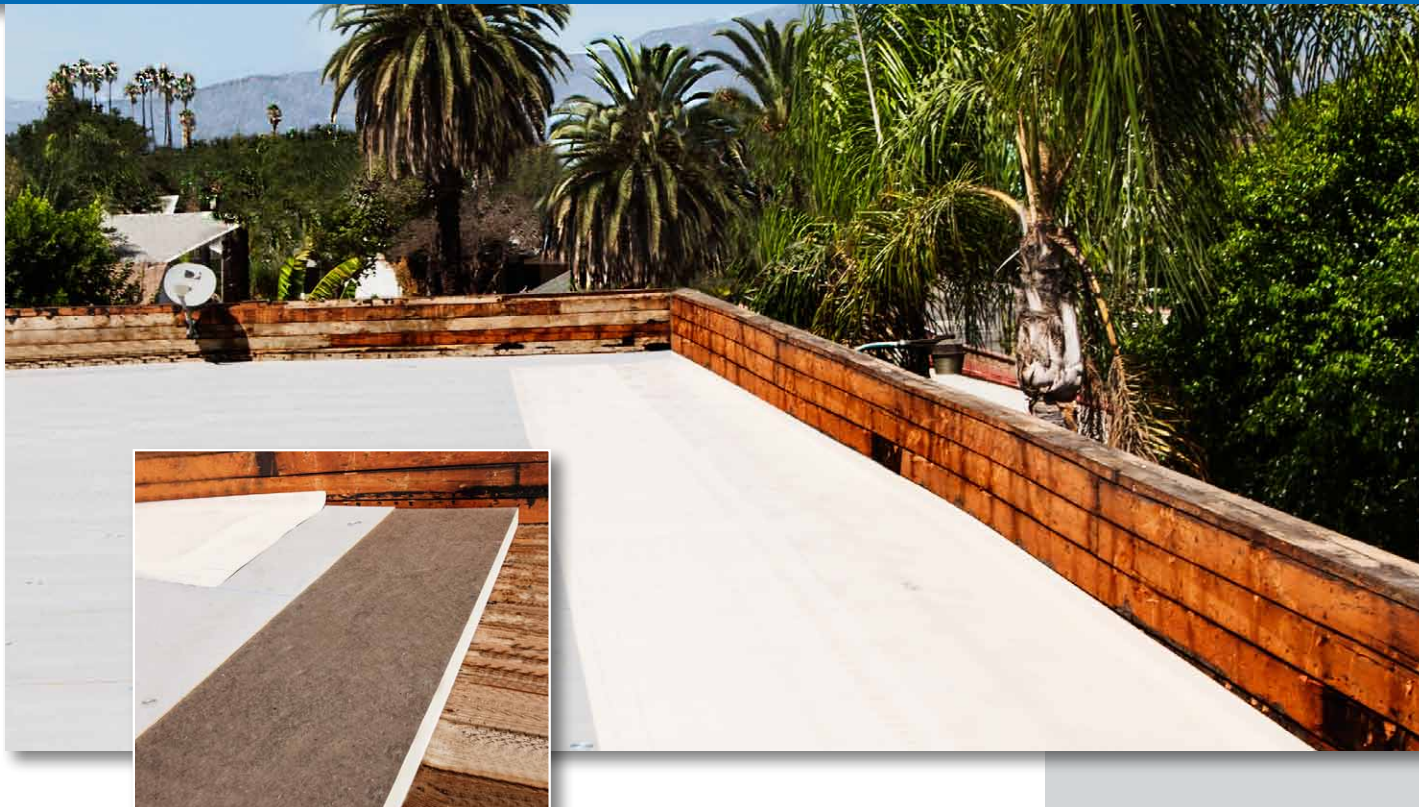


**Case Study: Now, a new Class A solution for single ply systems with wood decks: JM Invinsa® FR Roof Board**



**Description:** Howard Roofing had long outgrown its current location of 25 years and was looking for room to continue expanding. It found property three times larger, complete with shop buildings, warehouses and a 12,000-square-foot office building – a total of eight structures. Most needed refurbishing and all needed new roofs. The latter would not be a problem, but timing of the move and adverse weather certainly were.

**Challenges:** “We had three weeks of weather delays and the deadline to turn over our current property to its new owners was looming. Their demolition crews were scheduled back-to-back with our move,” noted owner/contractor Ron Malekow. “The office had to be ready for us and there were still several unknowns. When could we start working? What would we find under the old roof? How much more time would we lose replacing damaged wood decking? And, what was the best way to achieve an energy-efficient, fire-resistant system at our new location?”

**Solution:** Howard’s JM sales representative offered the ideal solution: a 60 mil PVC system with the new UL® Class A fire-rated cover board Johns Manville was introducing to the market – Invinsa® FR Roof Board. This extension to the Invinsa board line provided compressive strength, along with flexibility and light weight, making it easy and efficient to conform to the unique shapes on Howard’s new roof. Sandstone ES membrane was selected to blend aesthetically with the area surrounding the new location, and still maintain the energy-saving characteristics of the system. The new JM system meets the EPA’s ENERGY STAR® and California’s Title 24 guidelines, and it gives Howard Roofing a Class A fire-rated cover board over its wood deck.

**Location:**  
**Pomona, California**

**Building Representative:**  
**Howard Roofing**  
Ron Malekow, Vice President

**Roofing Contractor:**  
**Howard Roofing**  
JM Peak Advantage® Pinnacle Council® Contractor

**Roofing System Solution: SP6RM**

ENERGY 3® Roof Insulation  
Invinsa® FR Roof Board  
JM PVC 60 mil Membrane,  
Mechanically Fastened

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