

Project:
Maui Airport Tower

Building Owner:
FAA

Location:
Maui, Hawaii

Roof Area:
15,000 square feet

Completed:
1987

Manufacturer:
IB Roof Systems

System:
Mechanically attached
using 50 Mil white colored
membrane

Project Profiles

MAUI AIRPORT TOWER

AND SUPPORT BUILDINGS



Photo taken Oct 2002

buildings' substrate. Once the strips were in place, the roofers went through and mechanically attached the membrane to the building substrate with fastening pattern of 12 inch O.C. Once the membrane was attached to the substrate, the contractor hot air welded each seam to give it a secure, tight seal. This way the membrane couldn't be compromised by any of Hawaii's drastic elements.

During the '80s Hawaii was introduced to products that previously had been unheard of, and in the roofing industry pioneers were taking a hold in their share of the market as well. Introducing the birth of roofing membranes. In 1987, IB Roof Systems joined forces to install a new roof on the Maui Airport FAA Tower and its support buildings in Maui, Hawaii, for a combined total of 15,000 square feet. Although IB's membrane had been around for eight years by 1987, they were still proving themselves to the roofing market and showing exactly what could be achieved by going with a trusted name like IB. For Maui FAA Airport, they made a wise decision by going with IB Roof Systems, and because of it, they still have a protective roof over their heads to this day.

When the Maui Airport's FAA Tower and support buildings were constructed, they elected to go with IB's 50 Mil Mechanically Attached White Membrane to do the job. After careful planning and consideration, the contractor and IB Roof Systems elected to apply the roof through mechanical attachment directly to the

This roofing system was an extremely innovative application process because it utilized a dependable, trustworthy membrane that wasn't easily compromised, and withstood conditions that other roofs couldn't. In an environment like Hawaii, a white membrane, such as the one manufactured by IB, offers benefits that other roofs can't, such as reduced heating and cooling costs, less wear and tear on the membrane itself, shorter application time with less difficulty, and overall greater stability and reliance.

In addition to these benefits however, there are even more: the only application process used when installing an IB membrane is that of hot air welding. By using hot-air, rather than an open flame, "Contractors can save as much as 75% on their insurance if they use membrane that utilizes hot air welding rather than open flame welding," said membrane tech specialist, Tony Smith. In addition to the money saved on less maintenance, fewer problems, and lower insurance, IB's membrane also stands out because its mechanical attachment process has notably fewer steps, therefore saving time and money for everyone involved.

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Years after its application, IB's 50 Mil White Membrane is still protecting the employees of the Maui Airport every time they go to work. IB's membrane has made them proud by standing up to high winds, penetrating sunshine, heavy rains and a constant battering of residual jet fuels, and all the while having had no maintenance or coatings to reinforce its sheltering ability. IB Membranes have truly become a shining star in the roofing industry.



Photo taken Oct 2002