



Project Report: Hospital

PROJECT:

Kaiser Hospital
Riverside, CA

ROOFING CONSULTANT:

Walt Brennan, BM Group Inc.,

ROOFING CONTRACTOR:

Jay Hillier, Commercial Roof Systems
Arcadia, CA

PROJECT TYPE:

Re-Roof



The Kaiser Hospital in Riverside, CA was originally constructed in the mid 80's and roofed with a coal tar pitch system. The decks are structural concrete with some having lightweight insulating concrete overlays. There is a minimal slope to the deck. Existing on- roof planters had caused leak problems, so they were removed. A suitable esthetic finish was required to replace the lost planters and improve the appearance. A 20 year warranted roof system was required.

THE SYSTEM CHOSEN WAS MALARKEY'S G₃-CI- FKX COMPRISES OF:

1. **INSULATION:** Multimax FA3 polyisocyanurate adhered to the deck in foam adhesive.
2. **BASE SHEET:** One layer of #1000 Eshavent thermally adhering venting base sheet applied directly to the polyisocyanurate.
3. **PLY SHEETS:** Two layers of #160 APP smooth surfaced torch adhered to the #1000.
4. **BASE FLASHINGS:** One layer of #160 and one layer of #161.

A slotted L-metal was adhered to the membranes with #160 to maintain the rock design and allow for the proper drainage. The rock surface was adhered in #751 Asphalt Emulsion. The different colors of rock provided a very esthetically pleasing roof appearance without compromising the performance of the roof system.