



Monroe Elementary School
 42-100 Yucca Lane
 Bermuda Dunes, CA 92201



Eastern view of Monroe E.S. project.



Metal standing-seam panels are power washed. Fasteners are tightened and missing ones replaced. #4 perlite cant strips are set in olybond adhesive against the standing seam.



Continuos filament fiberglass roving boxes are set every 6 squares. Each application will have 8 lbs. of fiberglass per square.



All pipe penetrations are flashed with a lead flashing which is set with mastic and covered with polyester and emulsion.



All exposed fascia are covered with masking paper to prevent over-spray on painted surfaces



View of staged pneumatic pumping equipment along side a set of doubles containing approximately 6,000 gallons of high shear emulsion.



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All fiberglass reinforced emulsion surfacing is comprised of a minimum of 30 gallons of high shear emulsion, uniformly and evenly disbursed within a 16 lb. application of multi-strand fiberglass per 100 square feet of roof area.



Fiberglass is disbursed from the applicator gun in lengths that range from 3/4" to 24" in length. Care is taken to prevent emulsion over spray, using a shield as seen in this view.



Both fiberglass and emulsion must be thoroughly mixed before coming in contact with the roof deck. Excess emulsion is being pulled out of the composite to prevent surface crazing.



Over 2.2 miles of fiberglass reinforcement, encapsulated in the asphalt emulsion, is contained in every square foot of the finished seamless composite membrane.



The seamless composite is able to conform to both the flat pan surfaces as well as all the compound angles in this standing seam assembly.



This experienced WeatherWeld contracting crew is capable of completing approximately 10,000 square feet of seamless composite roofing per day. On the finished membrane, a Title 24 compliant white "Cool Roof" coating is applied.