

Case Study #22: Capsheet Medical products building



Diagnosis:

The company manufactures medical products at this facility. The office area is cooled by 3 air conditioners but only two large swamp coolers cool the entire shop and storage area. The majority of the building gets hot during the summer months because heat from the sun transfers through the roof and into the building.

The roof was fourteen years old, nearing the end of its useful life. The skylights, vents, drains and other roof penetrations had been patched several times. These are common places for leaks to start because often when a roof is installed, penetrations are not primed or properly flashed.

Results:

The roof was thoroughly cleaned by sweeping and then pressure washing to make sure it is ready for the roof coating system. Some areas of the roof were repaired using EPDM rubber. All roof penetrations were scraped down to bare metal then primed and sealed with Acu-Caulk. All flashing, skylights and drains were detailed in a similar fashion.

Once the roof was properly prepared, Acu-Shield was applied to the entire roof surface. The Acu-Shield will help keep the roof waterproof and will have a significant effect on reducing interior temperatures by reflecting solar heat energy.

The project was completed with no interruption to the company's business and a considerable cost savings over re-roofing. The building owner was very pleased with the results.

Have you
checked
your roof
lately?



Energy Seal Coatings
www.energy-seal.com

When installed properly, this product can help reduce energy costs. Actual savings will vary based on geographic location & individual building characteristics. Consult your product manufacturer, roofing contractor or call EPA's Energy Star Hotline at 1-888-STAR-YES for more information. The ENERGY STAR logo is a trademark of the United States Environmental Protection Agency. As a Charter Member, Advanced Coating Systems has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

