

# Case Study #15: Metal Aluminized Asphalt



## Diagnosis:

This elementary school was concerned with the condition of their roofs. The roofs were coated with an aluminized asphalt that was getting very close to the end of its useful life. Further concerns were with the roof substrate and its condition. The school was facing the possibility of having to replace the roofs. Upon closer examination, it was discovered that the roofing substrate was in good condition and did not have to be replaced. The decision was then made to apply the Energy Seal Coatings roof coating system to extend the life expectancy of the roofs.

## Results:

After a few minor repairs were made and the roof was pressure washed it was ready for the roof coating system. All vents, flashing and penetrations were primed and sealed with Acu-Caulk. The roof surface was primed using Acu-Prime All. Once the Acu-Prime All was dry Acu-Shield was applied in three separate coats.

This Energy Seal Coating system will keep the roof waterproof and will reflect up to 90% of the heat from the sun. This heat reduction will have a significant effect on keeping the interior of the school building cooler. In addition, if maintained correctly, the Energy Seal Coating system will protect this roof for decades.

Have you checked your roof lately?



**Energy Seal Coatings**  
[www.energy-seal.com](http://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.

