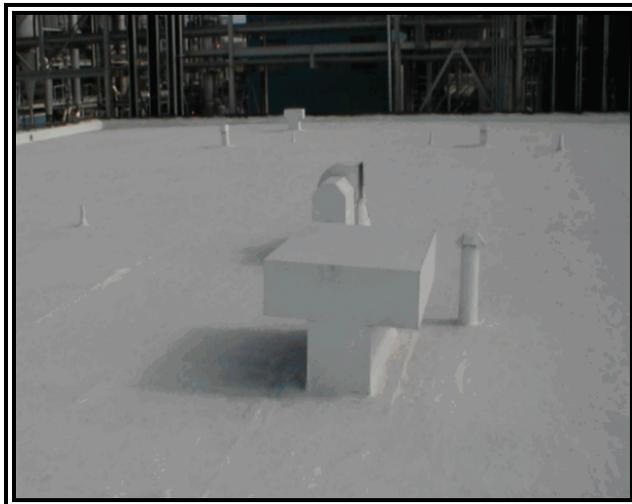


## ***Evalca Building - Case Study Commercial Roofing***

*Fast curing, impact resistant roof system designed to protect substrates from water damage.*



### **CUSTOMER**

Eval Americas (Evalca) - Concrete Roof  
13,500 sq. ft over modified bitumen  
La Porte, TX  
1999

### **PROJECT TEAM**

EcoSeal, LLC. - Contractor.

### **PROJECT OVERVIEW**

In 1999, Evalca contracted with EcoSeal to install the ES 100 Roofing System. Evalca manufactures and markets ethylene vinyl alcohol copolymer resins in the U.S. and around the world. Their manufacturing facility began to experience what most buildings do after years of exposure the elements, namely leaks and related water damage. The original roof system began to crack and breakdown and they were looking for an alternative to a total tear off and roof replacement. They could not afford problems associated with roof leaks into their manufacturing facility. The ES 100 Roofing System afforded them a more cost effective and efficient roofing system. They avoided any downtime to their manufacturing process that could have been experienced by a tear off of the old roof. Because of its ease of application, significant labor and preparation time was eliminated in using our single coat, spray-applied system.

### **CONSIDERATIONS**

**Roofing/Waterproofing:** The ES 100 Roofing System was utilized to eliminate the continuing problems associated with the deteriorating roofing system. ES 100's elastomeric, adhesion, and UV properties were ideal to protect the building's substrate and infrastructure from future water intrusion. The fact that the membrane forms instantly upon contact with the substrate, following all contours, is touch-dry in minutes and achieves complete chemical cure in 24 to 48 hours meant that the customer experienced minimal cost, inconvenience, and business interruption.

### **SYSTEM PRODUCTS**

**ES 100:** Polymer-modified elastomeric system that is specifically formulated for long-term water barrier protection. ES 100 forms resilient, puncture-resistant, waterproof membrane.

**ES 500:** Elastomeric reflective top-coat utilized for increased energy savings in the manufacturing facility.