Martin A. Benassi, AIA
Architect LLC

Assa Abloy

Corbin Russwin
Sargent Manufacturing

Roofing

Assa Abloy Group is an international company specializing in locks and security solutions. Located in Sweden, Assa Abloy grew quickly through the acquisitions of numerous manufacturing companies throughout the world. In America, these companies include Sargent and Corbin Russwin, both acquired in 1996. Combined, these two facilities have over 1,000,000 square feet of roofing.

Corbin Russwin is a large manufacturing facility in Berlin, Connecticut. The entire roof is approximately 646,000 square feet in size. Originally known as the Corbin Lock Company (specializing in the fabrication of specialty locks for such items as clocks, trunks, and briefcases) and Russwin (specializing in door hardware), they were merged by their parent corporation in the 1960s; and Corbin Russwin was subsequently purchased by Assa Abloy.

On a priority basis over the past years, sections of existing CPE (Chlorinated Polyethylene) thermoplastic single-ply membrane assembly have been replaced, in accordance with the Contract Documents produced by **Martin A. Benassi, AIA - Architect, LLC**. Our firm also provided field supervision of the work. The owner's goal is to replace all of the existing roofing material over the coming years. The new roofing assembly consists of rigid insulation boards fastened to the metal deck and a fully adhered 60 mil EPDM membrane system.

Sargent is a large manufacturing facility in New Haven, Connecticut located along the shoreline. As part of their regular ongoing maintenance program, the client continued to retain the services of **Martin A. Benassi, AIA - Architect LLC** to produce construction documents for sections to be reroofed with a fully adhered 60 mil EPDM membrane system over tapered rigid insulation, adhered to light-weight cementitious decking.

Both roofing systems met the owner's requirements within a tight budget while conforming to a limited weight factor and extreme time constraints, as well as meeting FM Global's wind uplift ratings.