

PROJECT PROFILE

AAA GALVANIZING, INC.

STAYFLEX™ Corrosion Control Systems

Owner: AAA Galvanizing, Inc.
Hamilton, IN

Project Size: 59,000 square feet

PROJECT OVERVIEW:

AAA Galvanizing, Inc. needed a long-term corrosion control coating system to protect all primary and secondary structural steel in a new building having an acidic environment. The STAYFLEX™ Corrosion Control System was chosen due to its 25+ year proven performance.

STAYCELL™245-2.0 spray polyurethane foam insulation was first applied at 2" to all primary and secondary steel. Due to expansion, the STAYCELL™ fills all concealed spaces, metal-to-metal contact points and horizontal ledges where paints can't physically be applied. The STAYCELL™ foam insulation was then coated with 1/16" STAYFLEX™ 2505 thermal barrier coating to provide a durable, washable, seamless and fire retardant finish required by building codes for interior applications of polyurethane foam. The final installed product is a seamless, fully adhered, insulated structural composite assembly, having similar strength to high performance products such as fiberglass tanks, chemical piping and corrugated fiberglass (FRP) sheet.

KEY BENEFITS:

- Excellent air, moisture and chemical resistance of the STAYFLEX™ System provides superior long-term protection against corrosive acid exposure
- Never paint or replace steel again
- The STAYFLEX™ System was installed during evenings and on weekends to minimize interference with other contractors on jobsite.

