



PROJECT PROFILE

CAMPBELL SOUP

STAYFLEX™ Thermal Insulation Systems

Owner: Campbell Soup, Inc.
Van Wert, OH

Project Size: 6,000 square feet

PROJECT OVERVIEW:

Campbell Soup was looking for a USDA compliant coating system to eliminate condensation and mold growth on ductwork. It was originally covered with a glued-down, flexible rubber insulation membrane. Over time the membrane began to rot, bend and peel off, opening up the seams. Despite re-attachment efforts, plant engineers were unable to stop the condensation and mold growth.

The first step was to remove the insulation membrane and wash the ductwork to remove any glue, dirt or grease. Next, STAYCELL™ 245-2.0 spray polyurethane foam insulation was applied 2" thick to insulate and seal the ductwork. It 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. For added chemical protection and enhanced washability, the contractor applied 10 mils (.010") of the STAYCOAT™ 2510 gelcoat topcoat. 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:

- Energy-efficient, seamless application eliminated condensation problems
- Direct application to ductwork eliminated any concealed spaces, voids or crevices prone to bacteria growth
- The STAYFLEX™ System was installed on weekends to minimize interference with plant operations

