SPECIALTY APPLICATIONS BY RPC INDUSTRIES, INC.

WE ARE ALWAYS UP TO ANY CHALLENGE!

The state-of-the-art Spray Polyurethane Foam (SPF) insulating system has been proven in the field as insulation, Coast Guard approved flotation, in roofing applications, and found many other interesting uses. RPC has been mastering the difficult process of applying this system properly for over 25 years, making RPC Industries, Inc. your best choice when considering complex Spray Polyurethane Foam applications.

Whether you are preserving a time capsule for future generations or building a 35-foot-tall sculpture, RPC Industries, Inc. has the experience to perfect your project. Please contact us to discuss this versatile system and design an insulation or flotation plan for anything you need!

What Is Sprayed Polyurethane Foam?
Spray Polyurethane Foam is produced by an exo-thermic reaction that instantly bonds the foam to almost any surface. It can be applied overhead, vertically, filling cavities, or anywhere in between. SPF provides an R-Value of 6.5 per inch making it a superior insulator and its monolithic, closed cell properties make it seamless and provides excellent flotation.

ABOUT RPC INDUSTRIES, INC:

RPC Industries, Inc. has been serving customers throughout Virginia since 1979 and specializes in commercial and industrial contracting services, including: roofing, waterproofing, exterior wall coatings, sprayed polyurethane foam insulation, industrial coatings, and lead and asbestos abatement.

With over two decades of field experience we understand the value of cost engineering, while respecting the need for safety and diligence to provide a quality result. Our staff is dedicated to quality workmanship and on-time delivery. We are factory-trained licensed applicators for a highly selective group of manufacturers. Your project will be installed by true professionals who are dedicated to their craft.

RPC Industries has a pro-active corporate safety program which meets the in-plant contractor standards of some of the most demanding corporate clients in America. We hold a Class A contractors license, provide all standard contractors insurance, and can furnish performance and payment bonds written by a Treasury listed company.
Facility: Cold Storage Warehouse  
**Location:** Suffolk, Virginia

**THE PROBLEM:**  
A local general contractor began construction of multiple pre-engineered steel buildings. Because these buildings were to be refrigerated, insulation was a major problem. The raising cost of energy concerned the owners as they inspected their new building.

**THE SOLUTION:**  
RPC Industries was chosen to provide an efficient insulation system for the pre-engineered steel buildings. Sprayed polyurethane foam was applied to the interior surfaces of each building (4 inches thick on the walls and 6 inches thick on the underside of the roof). This was protected with a fire-rated cellulose finish that added additional insulation value. This superior insulation provided superior energy performance.

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Facility: Liquid Nitrogen Tanks  
**Location:** Hopewell, Virginia

**THE PROBLEM:**  
In 2002 Toromont Systems constructed a new dry ice manufacturing facility in Hopewell, Virginia. To produce dry ice, super-cold liquid nitrogen is used and stored in large tanks. There are three, twelve-foot diameter, liquid CO2 tanks, each half the length of a football field. These outdoor storage tanks created concern as the varying temperature and the sun’s heat would greatly impact the tanks.

**THE SOLUTION:**  
To insulate the tanks, they selected RPC Industries, Inc. to spray six inch thick sprayed polyurethane foam and a polyurea elastomer coating system. This seamless plastic insulation system will help regulate the super-cold liquid nitrogen temperature with minimum energy costs.