

Sadler Coating Systems

Agri-Way Partners Wayland, Iowa



Installer: **Scott Sadler**

Type of Job: **Insulating pipes and equipment**

Square footage of Job: **1000 square feet**

Equipment Used: **gusmer 20/35 pro and Graco 733 sprayer**

Number of people needed for the Job: **2 men**

Number of days required by the Job: **2 days**

Special Requirements: **60 foot working height**

Foam and coatings used: **BASF 2.7 lb. foam and Conklin Acrylic coatings**

Project Description:

Agri-Way Partners, L.L.C. located at Wayland, Iowa offers bulk feed products, pelleting capability and roller mill used to create high quality meal for animal use. Agri-Way Partners had an uninsulated dust collection system for their feed mill that froze up in the cold winter weather due to the warm interior exhaust air condensing with the cold exterior temperature. The feed dust became wet from condensation, froze, and plugged the exhaust system. The result being the disruption in the feed production from periodic shutdowns.

Sadler Coating Systems was contacted in October to insulate the fan housings, 2 1/2' diameter exhaust pipes and cyclone dust collector before winter weather using spray polyurethane foam.

Project considerations included short time span to do the work, 60' work height and heavy truck traffic to work around since feed production could not be shut down when working on the project.

Sadler Coating Systems arrived on site the first day to set up equipment, including a 64' articulating manlift basket, and establish a plan to coordinate truck traffic which at times included up to 6 semi-tractor trailers passing within 30 feet of the work area.

All equipment to be insulated was thoroughly power washed. The second day involved spray applying the 3 inches of BASF 2.7 lb. density foam to fan housing, pipes and cyclone. Full face respirators and safety harness were used during application. Work was interrupted at times to allow truck traffic to pass as the feed mill could not be shut down. The application of the foam and acrylic protective coatings was completed by 5:30 pm the second day.

Benefits of using Foam: Agri-Way Partners company is very pleased that the cold weather condensation is no longer a problem. They are impressed with the insulating qualities of the foam and the ability to seal and essentially encapsulate the equipment transitions. They have had no delays or exhaust equipment shutdowns throughout this cold Iowa winter. They were also impressed that the insulation project could be completed so quickly and without disrupting the output of the feed production and truck deliveries.

Company History:

Sadler Coating Systems has been installing spray polyurethane foam and coatings since 1985. The company employs 4 full time employees and typically 6 seasonal workers. Sadler Coating Systems completed the requirements for full SPFA company accreditation in 2006.



Industry Excellence Awards

Category: Other