

Location:

Pearland, TX

Date of Application:

November 2008

Market:

Petrochemical

Substrate:

Steel

Surface Prep:

SSPC-SP 5 (White Metal Blast)

Exposure:

Interior with moderate physical or chemical exposure - occasionally wet with wash down frequencies

Impellor Fan Project

Area Coated: Exterior Coating

- First Coat: PLASITE 3070

Project Description:

Impellor fans are precise in weight, width and other tolerances and choosing a coating such as Plasite 3070 maintains the tolerances and at the same time protects the steel from chemical corrosion. The impellers have tight cavities with unusual geometry that makes surface preparation and application challenging. Gartner's state of the art shop allow for such a difficult application.

Coating Selection Explanation:

The challenge is to achieve a white metal blast throughout the impellor and to apply the proper film thickness throughout. In addition, force curing the coating with the heat sinks that exist in this type of equipment makes achieving a good film challenging.

