

## UPS APPLICATION REPORT

### Introduction

Unique Polymers has been awarded the contract to refurbish 15 hot air fans in a Salt processing factory. The environment of the plant ensures that carbon steel surface need to be protected at all times.

The fans are used in a drying process and over a period of time salt spray builds up on the surface of the fan.

UPS recommended the application of UPS210 Super Flow Ceramic Repair Fluid to the surface of the fan, the material offers a smooth flow efficiency finish to metal surfaces.

The fan was abrasive blast cleaned and the material was applied in two coats over all areas of the fan.

The repair has ensured the customer can extend the life of each fan by 12 months.

### Products

Resurface – 210 Super Flow  
Ceramic Repair Fluid

### Technical Information

For further information on this application please contact UPS on [sales@uniquepolymersystems.com](mailto:sales@uniquepolymersystems.com)



### Application Details

The affected area was cleaned using abrasive blast cleaning (angled grit), to SA2.5 50-60 micron profile

The surface of the fan was degreased using MEK

The first coat of 210 Super Flow Ceramic Repair Fluid was applied to the prepared surface

The coating was allowed to cure for 6 hours prior to the application of the 2<sup>nd</sup> coat

Once touch dry the fans were then post cured using heaters

Unique Polymer Systems Ltd  
HR8 1ET  
ENGLAND UK  
[sales@uniquepolymersystems.com](mailto:sales@uniquepolymersystems.com)  
[www.uniquepolymersystems.com](http://www.uniquepolymersystems.com)