

# BELZONA GETS HOT AND HUMID

ID: 4722

Industry: Food & Drink  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Carbon Steel  
Products: \* Belzona 5831 (ST Barrier) ,

Customer Location: Food Production Plant, UK  
Application Date: 2011

## Problem

A well known crisp manufacturer had a series of aging gas pipes of diameters ranging between 4 to 8 inch. These heavily corroded pipes were located in the ceilings above production equipment and the packing conveyors. In addition, because of the processes in the rooms beneath, the roof area had excessive heat and humidity, with water condensate perpetually laying on the pipes. Grit blasting was not an option due to production beneath and so Belzona was approached to offer an anti-corrosion system that could be applied in such difficult circumstances.



## Photograph Descriptions

\* 1. Location of gas pipes in ceiling 2. Corroded pipe with constant surface condensate 3. Finished section of pipe from Phase 1. ,

## Application Situation

Gas supply pipes.

## Application Method

Application was carried out in accordance with a modified version of Belzona System Leaflet VPF-2. the pipes were hand wire brushed to ST2 standard and then 2 coats of Belzona 5831 applied by brush

## Belzona Facts

The restrictions to preparation, coupled with the high air temperatures and excessive humidity were overcome by the surface tolerant properties of the Belzona 5831 and the client was delighted that there was no loss of production in the areas below, and no potential for contamination of their products.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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