

# BELZONA NON-STICK COATING FOR ICE CUBE IMPELLER

ID: 136

Industry: *General Industry*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Stainless Steel*  
Products: *\* Belzona® 1341 (Supermetalgilde) ,*

Customer Location: *Chemical Plant in Argentina*  
Application Date: *December 1995*

## Problem

*The ice cubes are manufactured on a large scale and distributed to the various units of the plant. They stick to the impeller, clogging the system and affecting production.*



## Photograph Descriptions

- \* View of the ice distribution system ,
- \* The impeller as seen through the inspection hatch, coated with Belzona® 1341 ,

## Application Situation

Impeller of a system distributing special ice cubes throughout the plant

## Application Method

In accordance with a modified Belzona Know-How Leaflet CEP-3

## Belzona Facts

The customer had tried other coatings in an attempt to solve the problem but only the Belzona® 1341 achieved the desired effect. There is no longer a need to wash or chip the ice off the impeller vastly reducing the downtime of the plant. The customer is now considering applying the same treatment to the next part of the distribution system, a stainless steel worm which suffers the same problems.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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

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