

# BELZONA RESTORES DAMAGED FLOOR IN PAPER PLANT

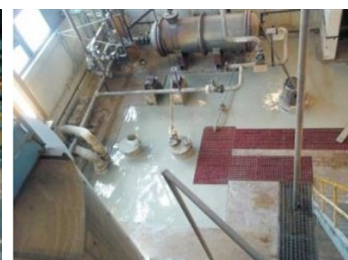
ID: 5508

**Industry:** Pulp & Paper  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Concrete  
**Products:** \* Belzona 4111 (Magma-Quartz) ,  
\* Belzona 4151 (Magma-Quartz Resin) ,  
\* Belzona 4181 (AHR Magma-Quartz) ,

**Customer Location:** Pulp and Paper plant, Leningrad, Russia  
**Application Date:** September, 2009

## Problem

Chemicals had penetrated through the tiled surface leading to rapid degradation of the underlying concrete.



## Photograph Descriptions

- \* 1. Damaged tile flooring ,
- \* 2. Removal of the old damaged substrate ,
- \* 3. Restoration of the concrete floor base ,
- \* 4. Protecting the floor from the chemicals ,

## Application Situation

Tile floor damaged by chemicals including acids and alkalis.

## Application Method

The application was carried out in accordance with Belzona System leaflets FPA-1, 2 & 3. After removing existing tiles the underlying concrete was rebuilt before re-bonding and grouting acid resistant tiles.

## Belzona Facts

The repair was carried out in accordance with clients requirements. Belzona materials allowed completing the application without

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

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manufactured under an ISO  
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taking the equipment offline, hence minimizing associated maintenance costs

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