# Forklift damage from expansion joint solved by Belzona 2211

ID: 9825

Industry: Commercial Facilities Customer Location: Doncaster Application: **FPA-Floor Problem Areas** Application Date: March 2025

Substrate: Concrete

**Products:** Belzona 2211 (MP Hi-Build Elastomer)

#### Problem

Expansion joints were widening beyond control and causing unnecessary damage to the hundreds of forklift truck wheels and damaging suspension in the large distribution centre









Expansion joints had separated The area is suitably prepared over three decades, causing damage to forklifts operating in to fill the area the area

and Belzona 2211 is then used surface area is reprofiled

Application is completed and

Solution is completed, sealing joint and has shown no sign of wear or deterioration protecting forklifts from damage

## **Application Situation**

Traditionally, polysulphide materials are used to infill expansion joints, but also, traditionally, polysulphide just doesn't last. An application of Belzona 2211 Hi build Elastomer was offered to infill one of the joints as a trial solution.

The joint has now been in place almost half of the year and is showing no sign of wear or deterioration, protecting the stackers and reducing damage to the machinery

#### **Application Method**

All the loose and broken material from the joint was removed. Surface preparation was then performed and area conditioned. Belzona 2211(MP Hi-Build Elastomer) was installed in the expansion joint to create a flexible joint.

## **Belzona Facts**

The application has proven the Belzona method and is now being considered for use in over 10km of internal joints

ISO 9001:2015 FS 695214 manufactured under an ISO ISO 14001:2015 9000 Registered Quality EMS 695213 Management System.