

BELZONA FREEZES EXPANSION JOINT DAMAGE

ID: 296



PROBLEM

The expansion joint on the floor leading into the freezer was completely destroyed by continuous fork lift traffic as well as the freeze/thaw cycles at the frost line.

APPLICATION SITUATION

Expansion joint on the floor leading into the freezer.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets FPA-5 and FPA-6.

BELZONA FACTS

Freeze/thaw effects are very damaging to concrete and the repair material used must be able to cure in cold temperatures and still maintain significant adhesion to the existing substrate.

INDUSTRY

General Industry

LOCATION

Food supplier in North Carolina, U.S.A.

APPLICATION DATE

1990

PRODUCTS

Belzona 4131 (Magma Screed)
Belzona 2211 (MP Hi-Build)

SUBSTRATE

Concrete

PHOTOS

1. Significant damage to expansion joint at freezer entrance
2. Deteriorated concrete removed exposing rebar
3. Screeding in Belzona 4131 (Magma Screed)
4. Belzona 2211 used to seal the joint

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