



EUROTEAM

PROJECTREPORT
RENOVATION OF HEAVILY WORN INDUSTRIAL CORRIDORS CAUSED
BY INDUSTRIAL TRUCKS



PROJECT DESCRIPTION

Due to heavy mechanical and dynamic stress caused by forklift trucks, the joint profiles at the junctions in the warehouses are severely damaged or have broken away. In this case, the high-performance epoxy hybrid EURODUR EPH 0403 jointfill offers a quick and durable repair solution. Firstly, it is characterised by very fast curing times and therefore short closure periods. Secondly, it exhibits high impact resistance combined with defined elastic properties. This enables mechanically heavily stressed expansion and construction joints to be permanently restored. A transition structure that can be traversed without vibration prevents damage to industrial trucks and to the joints themselves. At the same time, this ensures compliance with occupational health and safety requirements.





OBJEKT

- 15 forklift-accessible warehouse access points at IMPERIAL Chemical Logistics GmbH in Mannheim

BUILDER

- IMPERIAL Chemical Logistics GmbH

PROJECT SIZE

- 15 hall walkways with a total length of approx. 80 m

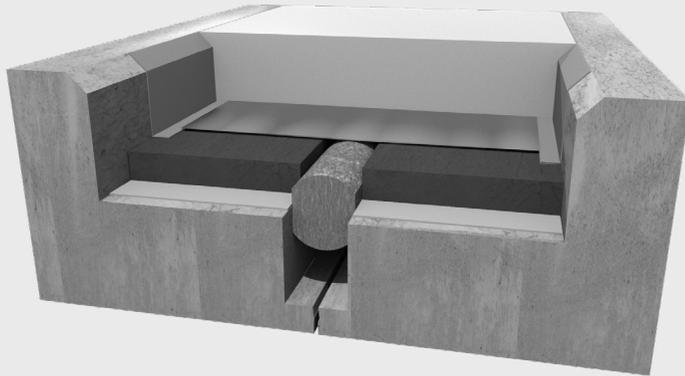
SYSTEM SOLUTION

- EURODUR EPH 0403 joint filler without secondary waterproofing



SOLUTION

First, the joint rail is removed and a recess is created. To reshape and level the base of the recess, the substrate is cleaned of loose particles and dust and pre-treated with the bonding primer EUROREPAIR HG 96. The EUROREPAIR PC 96 reaction resin mortar is then applied wet-on-wet. The restored joint chamber is backfilled with closed-cell, rot-resistant PE round cord; the joint flanks are pre-coated with EUROLASTIC Primer S2 and grouted flush with EUROLASTIC TC 30 S. The grouting chamber is masked with aluminium-laminated EUROTAPE, which serves as a sliding layer. In the final step, the bonding zone is pre-treated with EURODUR EP 0100 and the final joint sealant EURODUR EPH 0403 jointfill is applied. Once cured, the sealant can be sanded to a perfectly flat finish. This results in a joint construction with no steps.



-  EURODUR EPH 0403 jointfill
-  EURODUR EP 0100
-  EUROTAPE
-  EUROREPAIR PC 96
-  EUROREPAIR HG 96
-  PE round cord

SYSTEMADVANTAGES:

- chemically resistant
- suitable for use with pneumatic or vulcanised tyres
- elastic
- high notch toughness
- temperature-resistant from 0 to +100°C
- extremely impact-resistant





WE TRANSFER TECHNOLOGY



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