



EUROTEAM

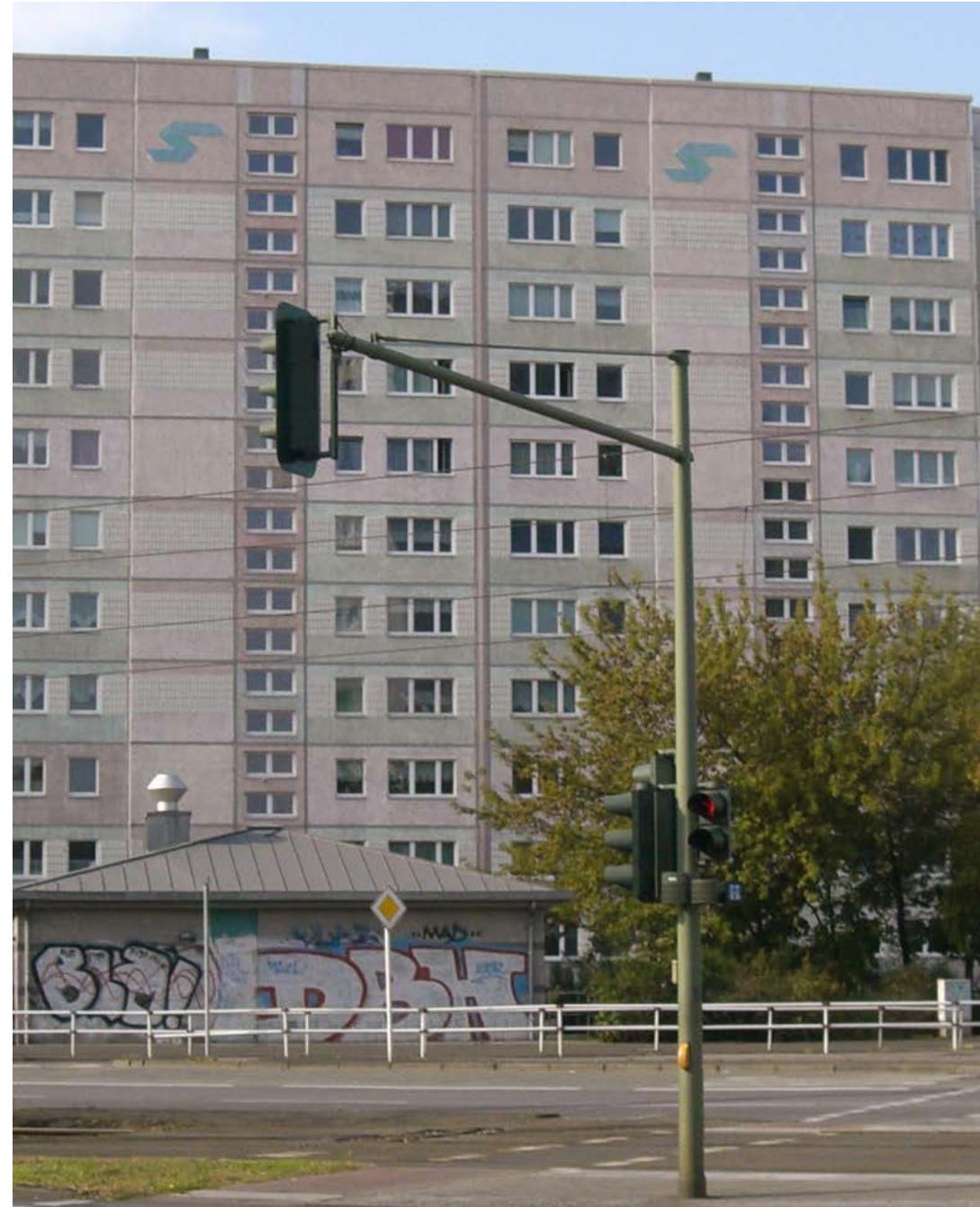
**PROJECTREPORT**

RENOVATION OF THE FACADE AT FRIEDRICHSFELDER TOR IN BERLIN



## PROJECT DESCRIPTION

As part of a large-scale building renovation project at Friedrichsfelder Tor in Berlin, several blocks of flats belonging to the Solidarität eG housing cooperative were refurbished. In addition to urgently needed joint sealing work on the external façade, concrete repair measures also had to be carried out. The existing structure exhibited leaky joints running across the entire façade, as well as numerous weather-induced spalling along the edges of the concrete slabs. For aesthetic reasons, the prefabricated character of the blocks of flats was to be retained. Sixteen years later, Berlin's largest mural was created. Due to the property's location at a busy junction in Berlin and the resulting visibility in almost all directions, it was decided to apply a very special colour scheme to the façade following the renovation work.





### **OBJECT**

- The exterior façade of the apartment block at Friedrichsfelder Tor in Berlin

### **BUILDER**

- Wohnungsbaugenossenschaft Solidarität eG

### **PROJECT SIZE**

- several thousand linear metres of jointing on the external facades

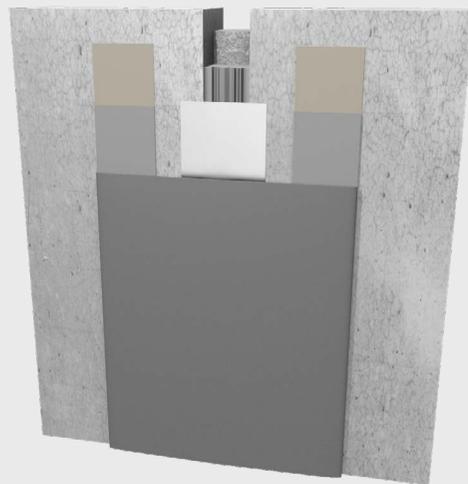
### **SYSTEM SOLUTION**

- EUROTEK PCC Mortar system
- EUROTEK TK sealing tape



## SOLUTION

Both large areas of spalling and smaller chips at the edges of the concrete slabs were pre-treated with the EUROTEK MKH single-component bonding primer, then re-profiled using EUROTEK PCC 5-60 coarse mortar, and finally visually finished with EUROTEK PCC 2-5 fine filler. The existing defective joint sealant was bridged using an aluminium-backed release tape, thereby eliminating the need for its time-consuming and labour-intensive removal. The bonding surfaces to the left and right of the joint were pre-treated with the EUROLASTIC Primer B1 bonding primer to ensure optimum adhesion of the EUROLASTIC TK 51 adhesive. The weather- and UV-resistant EUROTEK TK joint tapes were then applied, thereby providing a durable seal for the façade joints. EUROTEK TK joint tapes are available to match any façade coating. Sealing the joints with EUROTEK TK joint tapes ensures long-lasting durability and, in the event of damage, the hassle-free replacement of individual sections. Sixteen years after the complete renovation, a group of French artists took on the task of repainting the façade. At that point, the joint tapes were in such good condition that they merely required cleaning.



-  Joint tape: EUROTEK TK
-  Adhesive: EUROLASTIC TK 51
-  Primer: EUROLASTIC Primer B1
-  Release tape: EUROTAPE (aluminium-coated)
-  Existing defective sealant

### SYSTEM ADVANTAGES:

- Proven long-term durability of over 30 years
- Tested in accordance with IVD Information Sheet No. 4
- High resistance to UV light and weathering
- Above-average shock absorption
- Widths from 25 to 250 mm
- Easy to use
- A visually flawless joint pattern
- Excellent cold flexibility down to -50°C
- Complies with: DIN EN 18540



# WE TRANSFER TECHNOLOGY



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