

Coatings for Steel Constructions:

Durable corrosion protection and weathering resistance for extensive sheet pile construction (1.800 sqm)

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Hamburg/Germany: A wholesale trader for frozen foods and canteen kitchen technics has built an extensive sheet pile construction as surrounding of its new warehouse, which is under process. The company „Strahl- & Sanierungstechnik GmbH & Co. KG“, located in Wildenhorst/Germany, coated the sheet piles with our products for the reliable protection against corrosion and weathering.

After installation, the new, unprotected steel sheet piles were already heavily corroded. To prepare these surfaces for the application of the coating, the metal was accurately blasted according to cleanliness level SA 2,5. Now the protective coating could be applied by airless spraying method.

Our base product for high protection against corrosion and abrasion, PROGUARD 96, was applied in a thickness of ca. 160 µm. One single layer is sufficient for a complete and durable protective function.



Project: New coating of a huge sheet pile construction

Object: Sheet piles and cover profiles

ca. 500 m long and 1,75 m to 5,0 m high

Area: ca. 1.800 sqm

Coating products: PROGUARD 96 und PROGUARD 169

Application of the coating:

Strahl- & Sanierungstechnik GmbH & Co. KG, DE-Wildenhorst

Completion: from May to July 2015