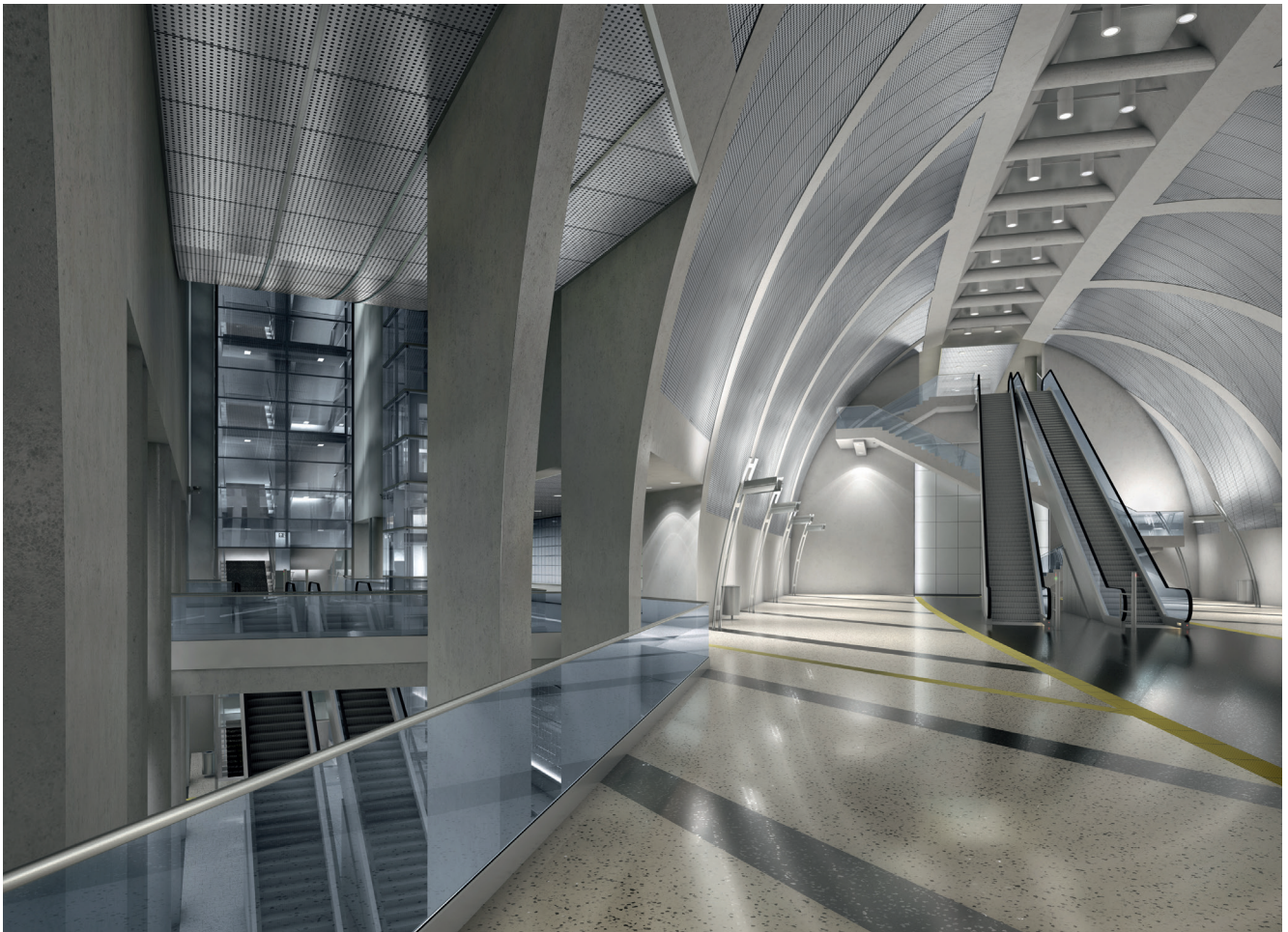
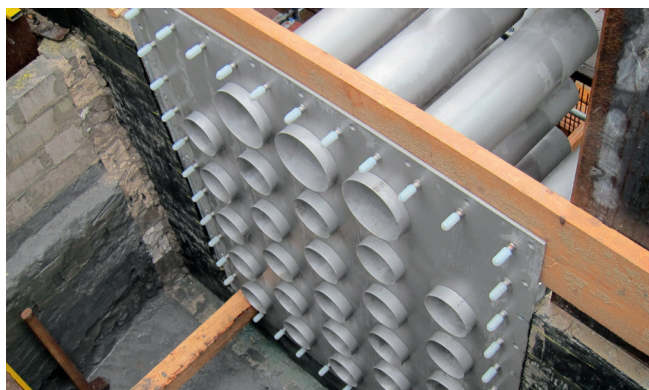


Always. Reliable. Tight.



CABLE DUCT SEALINGS

NORTH-SOUTH CITY TRAIN, COLOGNE – STATION HEUMARKT



Multiple stainless steel wall sleeve HRD-FUF/o/u

During construction of the North-South City Train in Cologne at the station Heumarkt (construction time starting in 2007) it was required to seal cable duct systems passing through the tunnel ceiling (with waterproof sheeting) pressure tight. For this requirement we developed a tailor made stainless steel fixed and loose flange solution, type multiple stainless steel wall sleeve HRD. This specific multiple flange with annular space sealings offers an ideal pressure tight solution for the ceiling with waterproof sheets according to DIN 18195 part 9.

PROJECT INFORMATION

Location	Nord-Süd Stadtbahn Köln, Haltestelle Heumarkt
Owner	Kölner Verkehrs-Betriebe AG
Requirement	Kabelschutzrohrsystem druckwasserdicht durch die Tunneldecke führen
Architect	Prof. Ulrich Coersmeier GmbH

SOLUTIONS PROVIDED BY HAUFF-TECHNIK

Specification	tailor made stainless steel fixed and loose flange solution, annular space sealing
Products used	multiple HRD wall sleeve with fixed/loose flange HRD 25 x 150/3 x 200-FUF individual press seals HRD 150-2-1/110 HRD 200-2-1/160

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