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INSTALLATION OF HSI150 K2 CABLE ENTRIES

FRAPORT SOUTH EXTENSION - FRANKFURT AIRPORT, TERMINAL 3

Fraport south extension - Frankfurt Airport, Terminal 3

PROJECT DESCRIPTION



The HSI150 K2 cable entries from Hauff-Technik were used for connecting cable ducts and for subsequent sealing of the cables.



Smooth cable ducts with a diameter of 160 mm were attached to the cable entries in layers with HSI150 M168 system covers. The snapshot shows the first layer of cable ducts.



Vacant cable entries are already permanently blind sealed to a pressure of up to 2 bar. Thanks to the transparent HSI150 DT closing cover, any water ingress in the cable entry or cable duct can be seen at all times.

Fraport south extension - Frankfurt Airport, Terminal 3

PROJECT DESCRIPTION



During the new construction of Terminal 3, Hauff-Technik was responsible for providing the HSI150 cable entries in the individual building sections. The cable entry systems play a significant role in implementing the power supply for the moving walkways in the terminals and the baggage carousels.

The company Schick GmbH + Co. KG was commissioned with significant tasks in this context. The underground construction preceded all other work. Here, excavation and earthmoving activities slightly exceeding 600.000 m³ were carried out. Next, concreting work involving 4,500 tonnes of steel took place. The project is scheduled to be completed in 2023.

PROJECT DETAILS

Location	Frankfurt
Client / Construction supervisor	Fraport Ausbau Süd GmbH Building 178 Airport 60547 Frankfurt am Main
Installation companies / Building contractor	Anton Schick GmbH + Co. KG Häuserschlag 3 97688 Bad Kissingen

HAUFF-TECHNIK SOLUTIONS

Specifications	Connection of empty conduit lines to concreted cable entries for the new construction of the terminal
Requirements	Gas and watertight connection of empty conduit lines as a basis for the subsequent introduction of cables.
Products used	HSI150 K2 HSI150 M 168 (for smooth cable duct) HSI150 M 110 (for smooth cable duct)

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