



SURE-WELD[®]

New Logistics Centre

GERMANY

With the construction of a state-of-the-art logistics centre in Langenau, Germany, the owner Dietz AG is setting new standards in sustainability, efficiency, and technical precision. The flat roof, with an impressive area of around 68,000 m², is not only architecturally striking but also meets the highest functional requirements. For waterproofing this flat roof, the proven SURE-WELD[®] TPO membranes from CARLISLE[®] were used – a system known for its durability, environmental friendliness, and ease of installation.

CASE STUDY

CARLISLE[®]
CM EUROPE



New Logistics Centre, Germany

68,000 m² of roof area – waterproofed in just 180 days

There were multiple challenges during the construction of the logistics centre. Waterproofing 68,000 m² of roof area required meticulous planning, precise coordination of trades and consistent quality control, all while adhering to a strict schedule in changing weather conditions. SURE-WELD® TPO membranes and the effective collaboration of all stakeholders involved made this possible.

Top-class TPO waterproofing for industry and commerce

SURE-WELD® is a high-quality, single-ply waterproofing membrane made of TPO (thermoplastic polyolefin) with an internal polyester fabric reinforcement. It is available in white or gray with widths up to 1.82 m. Its wide welding window and high seam strength reduce error risks and construction time – ideal for large industrial and commercial roofs. The sustainable membranes feature a unique weathering protection, making them resistant to weathering and aging for decades, and thus suitable for permanent use under PV systems. They are root-resistant according to DIN EN 13948:2007 and FLL certified for use under all types of green roofs. FM Approval certification provides globally recognized quality assurance.

Flagship project for sustainable construction

The client relied on the security of a waterproofing product proven for over 20 years: SURE-WELD® already protects over 500 million square meters of roof surfaces worldwide. A showcase project for climate-friendly construction, where the product could fully demonstrate its advantages – simple, fast, and safe installation for long-term roof protection and use under a PV system.

SURE-WELD® accessories such as composite sheets, prefabricated sleeves, and drains ensure sustainable system sealing.



Client

Dietz AG, 64625 Bensheim



Material

SURE-WELD® TPO/FPO



Roofer

Erlich & Samochin Bedachungen GmbH, 32107 Bad Salzflen



Area

68.000 m²



General contractor

Max Bögl Bauservice GmbH & Co. KG, 92369 Sengenthal

Do you have any questions?

Contact us for more information, advice, or calculations regarding SURE-WELD® TPO and your project. We are happy to help.



Interested?

Order a free sample pack:
www.ccm-europe.com/gb/contact/sure-weld-tpo-kit-request-form