

Project Spotlight



Smyths Toys Wallersdorf, DE

Logistics Centre – TwinPlan DIN15185+FEM & Freeplan M

BREMBER BAU has commissioned Twintec to produce the floor slabs for the toy manufacturer SMYTHS TOYS for their new logistics facility in Wallersdorf.

In total, the project comprises a 50,000m² logistics hall, almost 5,000m² of floor slabs and 6,300m² of floor slabs in the outdoor area.

The logistics hall is made up of five different units, each of which uses different Twintec products to suit the purpose.

A **TwinPlan M** (FEM 30cm conventionally reinforced) floor slab was poured for units 1, 2 and 3 (24,192m²).

For units 1, 2 and 3 (24,192m²), a **TwinPlan M** floor slab with a conventional reinforcement of FEM 30cm was cast.

For units 4 and 5 (25,809m²), **Freeplan** was used in accordance with DIN 18202, with one section requiring a special flatness in accordance with FEM 10.2.14_FEM4.103.1.

The structural design was carried out by the internal engineering office using the FE method and the steel fibre guideline 2012.



Project Data

End User:	Smyths Toys	Poor Days:	44 days
General Contractor:	Bremer Stuttgart GmbH	Slab Depth:	200mm
Area:	61.265 m ²	Finishing Date:	September 2023

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DESIGN

Twintec floor slabs are designed in-house by our experienced structural engineers and incorporate the latest innovations in concrete floor slab design.

Each design is optimised to meet specific customer needs, whether for end users or consultants. And of course, strict adherence to the relevant industry guidelines is the basis for everything we do. Added value for the entire building.

BUILD

We offer a comprehensive service that includes mobility, planning, logistics, transport and site coordination. The innovative materials used are supported by extensive testing prior to use. With highly qualified, experienced staff and specially developed equipment, we are able to deliver quality products all over the world time and time again.

GUARANTEE

The Twintec reliability guarantee.

Twintec's reliability guarantee provides a high level of assurance that goes far beyond the industry standard and covers design, manufacture and maintenance.

The guarantee covers the entire organisation, including quality control, professional staff, customer service and customer support in addition to insurance.



DESIGN . BUILD . GUARANTEE

With the special design .Build. Guarantee. package, Twintec takes full responsibility for the steel fibre concrete products.

Contact Twintec GmbH for further information

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