

Versatile scaffolding modules ideal for wide-range of jobs

From historical preservation sites, to eye-catching and creative festival construction, to erecting infrastructure-changing airports, flexible Layher products are the scaffolding of choice on a diverse set of job sites.

Berlin Brandenburg Willy Brandt Airport

The future Berlin Brandenburg Willy Brandt Airport will replace three airports when it opens in June 2012 and drastically change the infrastructure of Germany.

To build the airport terminal's steel roof, scaffolding and construction company B+P Gerüstbau GmbH assembled free-standing Layher Allround birdcage scaffolding with a surface area over 530,000 square feet (nearly 50,000m²) as well as over 91,000 square feet (nearly 8,500m²) of suspended scaffolding. The steel roof was assembled over eight months and weighs about 10,000 tons (9,070 metric tons).

Since the terminal floor could not be used to support the scaffolding, B+P and Layher designed the working platform partly as suspended scaffolding. To leave pathways for on-site traffic, they used framework braces and bridging structures with system lattice girders.

Layher's platform stairways, building hoists and the terminal's supporting columns were easily integrated into the Allround birdcage scaffolding structure. Logistical support for B+P was also provided by Layher to ensure materials arrived on schedule in a 50-truck shipment.

"The Purple Sail" party in St. Petersburg

For "The Purple Sail" party this year at the White Nights Festival in St. Petersburg, Russia, event production company StagePro erected a Layher event stage topped with Layher's Allround birdcage scaffolding standing nearly 100 feet tall (30m) in the shape of a giant sail.

The complete structure was built with Layher Allround standard parts for efficient assembly, high load-bearing capacity and potential for repeated use.

Since the stage's cassette roof integrated into the giant sail could not support any weight, the Layher Allround bridging system was used to support the 75 ton (68 metric ton) scaffolding and equipment above the roof. Layher's logistical and technical expertise and versatile products helped make this unique job site a success.



Construction of the new Berlin Brandenburg Airport roof required Layher scaffolding with a surface area of over 530,000 sq ft



Historic Mainz Cathedral preservation

Since it was built in 1,000 AD, Mainz Cathedral in Germany has withstood lootings by Napoleonic troops, seven fires and a hail of bombs in World War II.

During the cathedral's renovations, scaffolding company Gerüstbau Hecht used the Layher Allround system to erect supporting structures and work scaffolding. The adaptability of Layher systems allowed the scaffolding to cover the ornamentally-decorated building.

The roof of the transept could not support any weight, so a supporting structure was built with a hoist from the side of the cathedral. Even after the structure's multi-annual use in Mainz, the Layher scaffolding can be removed and used again elsewhere.



Layher scaffolding and platform stairways on historic cathedral renovation allowed for safer, efficient transfer of goods and workers on the site

Layher products are put to the test daily on job sites like these around the world, with the support of their 31 global subsidiaries. The company's local branches and warehouses help Layher provide top-tier service to clients everywhere. Adaptable and efficient Layher scaffolding has unlimited capabilities to face the challenges of any project.

For more information about Layher, visit www.LayherUSA.com or call 866.300.0904.