

CT2 Center for Teaching and Training of the Medical Faculty



Location

Aachen, Germany

Date

2018

Customer

Rhenish-Westphalian Technical University

Project Type

Educational Institutions

North American Headquarters

North America
GKD-USA, Inc.

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For the team of architects, there were several reasons to go with GKD's OMEGA 1520 woven stainless steel mesh. The metallic facades help underline the building's high-tech aspirations, giving it an appropriately contemporary face. Interacting with additional glass facades, the woven metal mesh also helps facilitate communication with the building's interior and exterior.

Two of the new building's facades are comprised of more than 20,000 square feet of GKD's OMEGA 1520 metal mesh. The facades don the lateral sides of the building and are spanned by a shimmering skin made of metallic mesh, creating a highly aesthetic surface. In total, the facades are comprised of 12 panels of OMEGA 1520 stainless steel mesh, each measuring nearly 97 x 18 feet.

In addition to manufacturing and assembling the metal mesh for the facades, GKD also took care of installation for the project. In line with the patented Fusiomesh NG system, the upper and lower edge of the stainless steel mesh is embedded in a special adhesive between two flat profiles, and thereby bonded. To reduce horizontal movement, seven stainless steel tubes run horizontally behind the mesh as intermediate attachment levels. The mesh is then attached to these tubes from the outside wire clamps that are invisible once fitted.

Applications

Metal Fabrics

Custom-Woven Solar Mesh Facades Omega 1520

Custom-Woven Metal Fabric Facades

