

SunSquare at BMW World in Munich

The third location of BMW, BMW World in Munich, captivates through its singular design, and has unquestionably attained its place in the history of European architecture. Hence, it was both an honor and a challenge for the company SunSquare to design and install multiple SunSails on the structure's terrace. The project was successfully completed in the summer of 2007, and has resonated within the international architectural community since.

BMW WORLD IN MÜNICH (Architects: Coop Himmelblau, Client: BMW) – Initial designs for the south and west terraces were initially submitted in 2006. The distinctive architecture of BMW World required equally distinctive design and execution to meet aesthetic requirements. SunSquare's sails needed to be installed upon a 15 meter high steel beam terrace. Additionally, 22 steel plates had been laid and embedded in concrete. 8 sails in total were to be installed in BMW World's dining area. In order to insure shading even as the sun descends, oblique supports were designed, which would project past the railing. A waterproof textile was chosen for the sail cloth, in order to provide rain, as well as sun, protection. A low maintenance light gray was chosen for the color, which also harmonizes with the structures façade. The supports are stainless steel, and are also easy to maintain, as well as being aesthetically appropriate for the building. All units are equipped with motors and wind sensors, providing easy operation and satisfying safety requirements by closing automatically when winds exceed 40 km/h. Wind gusts are compensated for through the tensioning system used with cabling and a steel spring, and prevent excessive flapping of the sail cloth.

For questions, please contact:

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