



Fata Morgana out of Steel

Spain's Potsdam Place – Barcelona was undertaking the ambitious project of renovating its area at Besos, which, when finished, will be able to compete with Berlin's recently renovated Potsdamer Platz. In record time, a completely new city district was built on the coast whose center is the Edificio Fórum, a blue floating triangle with side lengths of 180 m. In May, the King of Spain, Juan Carlos, dedicated the building complex, which consists of hotel and office towers and a conference center, that was completed in just three years.

The idea of Swiss architects Herzog & de Meuron was to encase the ceiling of the building so that it resembles the surface of the water.

Two Walldürn companies implemented the idea. »Project-specific design in form and color is our specialty,« explains Dr. Detlef Schobert, CEO of INOX-COLOR GmbH & Co. KG. Thus, the wedding chapel radiated a golden color; the underground concert hall for 3,200 was bathed in blue. And the Plaza with its cafes and generous open spaces, draped in silver, is inviting for a stroll.

A particular challenge consisted of shaping the 28,000 triangles that decorated the ceiling of the building. INOX-COLOR developed, together with TRUMPF Stanzwerkzeuge, the tool manufacturing facility in Gerlingen (Germany), various customized tools and found an experienced sheet metal processing partner in the company FRIEDRICH GmbH. INOX-COLOR developed the CNC program itself. The inscribed pattern flows from one unique triangle to the next, unfolding in a different way each time. The enormous punching and technical programming challenge kept the TRUMATIC 5000 R at FRIEDRICH Blechbearbeitung at full capacity for almost a year. »Thanks to

the intensive cooperation with INOX-COLOR and TRUMPF, we were able to process the order smoothly,« says Michael Friedrich, CEO of FRIEDRICH Blechbearbeitung.

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In close cooperation with TRUMPF, special tools were developed that inscribed the 28,000 triangles with individual patterns.

