



HIGH PERFORMANCE FIRETEX SYSTEM PROTECTS ONE OF EUROPES MOST ICONIC STADIUMS

The new look Bay Arena for Bayer Leverkusen, has been praised for its unique architectural style.

Taking 16 months to construct, the arena has increased its capacity from 22,500 to an impressive 30,210 seats by expanding the East and West areas of the stadium by up to 47 rows, including an upper tier. The design incorporates a state of the art roof weighing 2,800 tonnes with a diameter of 217 m.

WITH ITS UNIQUE APPEARANCE, IT WAS IMPORTANT THAT THE BAY ARENA'S ARCHITECTURAL DESIGN FEATURES WERE COMPLIMENTED BY THE FIRE PROTECTION SOLUTION, AND NOT HIDDEN BEHIND IT; AND SO FIRETEX® FX1000 COATING WAS SELECTED TO ACHIEVE 30 MINUTES FIRE PROTECTION.

MAIN CONTRACTOR:
Köster Bau

CONSULTANT ENGINEER:
HPP Henrich-Petschnigg & Partner

BAYER LEVERKUSEN, BAY ARENA, GERMANY



SOLUTION

FIRETEX® FX1000 was selected to achieve 60 minutes fire protection for the structure. With its ease of application and great viscosity elements, a more aesthetically pleasing finish was achieved in a much quicker completion time.

Surfaces were blast cleaned to Sa 2.5 with a surface profile of less than 100 um. The spent abrasive was then removed and a primer applied, before FIRETEX FX1000 was applied using an airless spray. For steel members that will be exposed to the elements, Acrolon™ C137V2 topcoat was applied, to protect the coating.

FIRETEX FX1000 was selected because of its excellent track record, and quality reassurance. Tested both in our on-site FIRETEX Test Centre and by third parties, ensures that the FIRETEX FX will perform when you need it most.

SUBSTRATE

Steelwork.

REQUIREMENTS

Fire protection for up to 30 minutes, whilst maintaining the aesthetic appearance of the structure.

AREA COATED

1,500m².

FEATURED PRODUCTS

- FIRETEX FX1000 intumescent coating
- Acrolon C137V2 topcoat for externally exposed steel.

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including oil and gas, water and wastewater, bridge and highway, steel fabrication, flooring, food and beverage, rail and power, marine and passive fire protection.

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