

Nizhny Novgorod Stadium World Cup 2018



Client:
Sportengineering

Architect:
gmp architects & PI Arena

Manufacturer:
Dovleti/Kubantent



Nizhny Novgorod Stadium World Cup 18

Project Name: Nizhny Novgorod
Material: VALMEX® TF 400
Quantity : >7000 sqm white and >7000 sqm light blue color
Concept: design by gmp architctcts
Execution: PI Arena
Completion: 2018
Location: Nizhny Novgorod, Russia
Completion: 2018

Concept: gmp architctcts (design), sbp (design)
Execution: PG Maximum, PI Arena, Kur-ganstal-most (KSM) (Contractor), Stroy-transgaz, Maffeis Engineering, Dovleti/Kubantent



Nizhny Novgorod Stadium ...

...was designed by gmp architects from Germany for the 2018 World Cup. It lies at the confluence of the rivers Oka and Volga. The circular stadium provides seating for around 45,000 spectators and was opened in 2017. It is located within view of the city center of the Russian metropolis in the midst of a park landscape that opens out to the bank of the River Volga.

white from the outside and at the same time gives an airy impression when seen from the grandstand's perspective in the inside. As it is the case at Volgograd Arena, Low & Bonar coated a specific blue which is not only to correspond to the architect's idea of conveying the water image within the façade. At the same time it matches the colour of the club that will use the stadium in the future.

The design of the façade creates analogies with the theme of water that is a dominant feature in the city. Behind the colonnade that surrounds the building, a tensile cable structure holds blue and white membrane panels of irregular forms. The mesh membrane for these important design features was produced in Germany by Low & Bonar GmbH. The mesh that was used for the stadium's façade in Nizhny Novgorod is Valmex TF400 with an open area of 30%.

It serves for the wave-look in blue and

