



SMOOTH MEMBRANE CEILING FOR WORLD CUP STADIUM

TITLE	Arena Corinthians, 2014 World Cup
DESCRIPTION	Stadium
LOCATION	Sao Paulo, Brazil
COMPLETED IN	2014
FABRIC AREA	30,000m ²
FABRIC TYPE	Ferrari Precontraint 1002
ARCHITECT/CLIENT	Anibal Coutinho / Corinthians Football Club

ARENA CORINTHIANS, 2014 WORLD CUP SAO PAULO, BRAZIL

The challenge – fast track installation from the underside

The Arena Corinthians hosted the opening ceremony and first game of the 2014 FIFA World Cup. Construction took longer than expected and as the opening ceremony drew closer, the stadium's completion came under the glare of the world's media.

Structurflex were contracted to provide a PVC membrane ceiling for the roof above the stands in double-quick time. The architect's vision demanded a smooth visible surface, so we were required to install the material from the underside of the roof's steel structure – something of a circus act, even for an experienced team.

The solution – custom extrusions and a talented installation team

There was zero tolerance for re-work or delay with this project. As well as getting our specific tasks exactly right, we had to do whatever we could to assist other facets of the roof construction. Efficient scheduling, quality control and open communication, in spite of language barriers, were crucial components of our approach.

To facilitate installation from the underside, we designed, tested and manufactured a custom extrusion. We also assembled and coordinated a multi-cultural team of expert installers to safely attach the extrusions and install the membrane ceiling. To meet our deadline, we anticipated problems before they could arise and maintained contact with the general contractor.

The arena roof was completed on time and has received outstanding reviews.

