

Allianz Parque, Palmeiras Stadium, São Paulo, Brazil

Architects: Edo Rocha, São Paulo

The Allianz Park Palmeiras is a multi-functional arena that specifically serves the needs of a well-known São Paulo soccer team. Stainless steel tube and strip are combined into a proprietary facade system called "Stripweave". It provides an optimal balance between transparency and reflectivity for the hot and sunny climate of the region. As a material, higher alloyed ferritic grade 444 was identified as the best choice for the project. As an iron, chromium, molybdenum alloy, it is particularly price stable. The added molybdenum provides the necessary corrosion resistance for an urban environment.



Photos courtesy of Aperam South America



Details

Environment:	Urban outdoor
Fabrication process:	Perforation
Grade and finish:	444, 2B
Total weight of the stainless steel used in the project:	210 tons
Date of completion:	2014
Manufacturing companies:	WTorre (contractor), Permetal (perforated sheet) and Hunter Douglas (facade)
Material supplier:	Aperam South America