

Building and Construction

Facade Envelope

The facade envelope of the IESDE building in Curitiba, Brazil uses 0.5 x 2.5 m sheets of stainless steel which are connected using male-female stainless steel fittings. The design allowed the use of 1.0 mm sheet stainless, thereby minimising the weight of the facade.



Location/environment | CURITIBA, BRAZIL/OUTDOOR

Product | STAINLESS STEEL SHEET

Fabrication process | CUTTING, CONFORMATION AND ASSEMBLY

Grade/surface | AISI 444/18

Material thickness/diameter | 1.0 MM

Weight | 8 TONS

Competing material | MAINLY ALUMINIUM, GLASS, CERAMIC AND NATURAL STONE

Date of completion | MAY 2008

Manufacturer | ENGENHARE VIDRAÇARIA & GHAMA REVESTIMENTOS METÁLICOS

Material supplier | ARCELOR MITTAL INOX BRAZIL

Source of information | NÚCLEO INOX

Remarks

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