

Reference

PLEXIGLAS®

Cylindrical tumbler tank for jellyfish at the Darwineum, Rostock Zoo



Market segment

Specialty glazing

Product

PLEXIGLAS® GS block Clear, thickness 100mm

Location

Rostock Zoo, Germany, September 2012

Selection criteria

- Clear PLEXIGLAS® offers unsurpassed light transmission of 92%
- Hardly any optical distortion due to low refraction
- Half the weight of glass: specific weight of only 1.19g/cm³
- Best heat insulation values
- High rigidity, high impact strength, tested long-term mechanical behavior
- Transparent, bubble-free joints with ACRIFIX® ensure durable bonds
- Ease of forming for wide design scope

Fabricator and photo source

Schuran OHG, Jülich
www.schuran.com

Description of application

Europe's largest tumbler tank for jellyfish, measuring 4,000 x 1,000 x 2,200 mm (L/W/H) and with a capacity of around 7,000 – 8,000 liters is located at Rostock Zoo.

The empty weight is around 3.5 metric tons. The zoo also has other tumbler tanks made of PLEXIGLAS® for quarantine and breeding purposes (see photo on right).

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