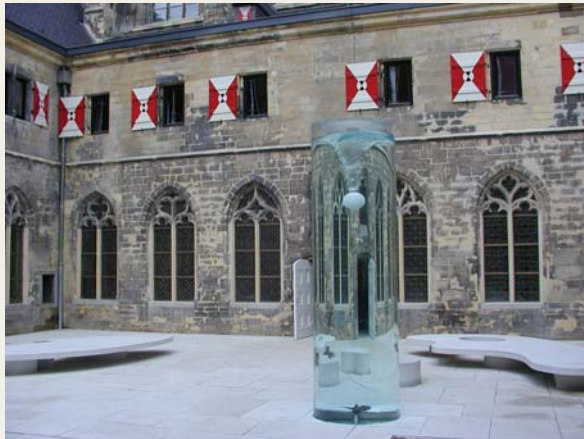


Reference

PLEXIGLAS®

Water-filled cylinder at Kruisherhotel Maastricht, Netherlands



Market segment

Industrial Construction & Architecture,
Specialty glazing

Location

Kruisherhotel, Maastricht, Netherlands

Product

PLEXIGLAS® GS block material,
formed into two half-pipes and bonded
Tube dimensions: diameter 1,000 mm,
wall thickness: 30 mm, height: 3,600 mm

Fabricator

Heinz Fritz Kunststoffverarbeitung
www.heinz-fritz.de

Selection criteria

- PLEXIGLAS® block material available in large sizes and suitable for corresponding fabrication
- high-performance ACRIFIX® adhesives available
- transparent base suitable for upward lighting
- suitable for exterior application, weather-resistant

Description of application

Since the 1960s, Ingo Maurer has been designing unusual lamps, lighting systems and objects. This one is more of a light object. Kruisherhotel in Maastricht is a former monastery. A cylinder made of PLEXIGLAS® block material was installed in the courtyard and filled with water. Two 30mm-thick blocks were formed into two half-pipes and bonded with ACRIFIX® adhesive to form a tube. The thick base through which the water-filled cylinder is illuminated from below is also made of PLEXIGLAS®, since this application called for highly transparent material. The hub of the electric motor that creates a constant whirling motion inside the object also passes through the base.

Evonik Performance Materials GmbH

Acrylic Polymers

Kirschenallee, 64293 Darmstadt, Germany

info@plexiglas.net www.plexiglas.net www.evonik.com