

Case Study Berlin Zoo, Berlin

The project

Animals in Berlin Zoo enjoy a tropical climate due to a glass-roofed enclosure built using Dow Corning silicon sealants.

A magnificent 1000m² glazed roof, designed by Munich based architect Gribel, arches over two separate enclosures, housing hippopotamus.

Constructed using a four-sided structural glazing technique by contractor Hulmut Fischer, the roof is completely self-supporting. This allows maximum light penetration through the insulated glazing – giving both the animals and visitors the feeling of being outside, while actually enjoying higher temperatures than the native German weather.

The products

The tropical climate of the enclosure is maintained by the roof being sealed with Dow Corning® Q3-3362 Insulated Glazing Silicon Sealant and Dow Corning® 797 Weatherseal Silicone Sealant.

These products were used because of their exceptional aging resistance, elasticity and adhesive properties.

Dow Corning Q3-3362 also offers excellent resistance to ultra violet radiation – helping to protect the animals from the dangers of the sun, while allowing them to enjoy its benefits.



Building:	Berlin zoo
City:	Berlin
Country:	Germany
Product:	Dow Corning® Q3-3362 Dow Corning® 797
Architect:	Gribel
Curtainwall:	Hulmut Fischer

The project:

- A magnificent 1000m² glass-roofed enclosure arches over two separate enclosures housing hippopotamus.
- Constructed using a four-sided structural glazing technique, the roof is completely self-supporting with maximum light penetration.
- Dow Corning Q3-3362 Insulated Glazing Silicon Sealant and Dow Corning 797 Weatherseal Silicone Sealant was specified.