

Reference

## PLEXIGLAS®

### Greenhouse Nieuwkoop in the Netherlands



#### Market segment

Industrial Construction & Architecture,  
Greenhouse

#### Product

PLEXIGLAS® Alltop SDP, approx. 37.000 m<sup>2</sup>, buildt  
in several steps between 1999 and 2006

#### Location

De Kwakel, Netherlands

#### Fabricator

Van Diemen, De Kwakel, Netherlands

#### Selection criteria

- high light and UV transmission
- energy efficiency
- excellent resistance to weathering and aging

#### Description of the application

PLEXIGLAS® Alltop double-skin sheets fit perfectly into the operation's model for growing tropical plants in an energy-saving and therefore eco-friendly environment of high and stable humidity. The good lighting conditions under PLEXIGLAS® Alltop were cited as an added advantage.

Another special feature is the construction of the greenhouse facility, which consists of wide-span greenhouses surrounding a middle section with a special 10-meter-high Venlo design that can accommodate extremely tall specimen plants.

**Evonik Performance Materials GmbH**

Acrylic Polymers

Kirschenallee, 64293 Darmstadt, Germany

[info@plexiglas.net](mailto:info@plexiglas.net) [www.plexiglas.net](http://www.plexiglas.net) [www.evonik.com](http://www.evonik.com)