

Venlo, April 2011

P R E S S R E L E A S E

Scheuten innovates with products for greenhouses

Company seeks out limits of light transmission and insulation

Scheuten Glas, specialist in the development and production of high-quality glass products, is proving itself to be an unremitting innovator with products for the greenhouses sector. In this regard the company is capitalizing on the stimulus from the Dutch government in relation to making greenhouses sustainable. To this end, Scheuten has specially developed a number of glass products with a high degree of light transmission and a higher insulation value.

Scheuten's premises is established on the new Greenportlane, which links the A67 with the A73 and ensures better accessibility to greenhouse businesses in the region (Greenport Venlo). Greenport Venlo is the second largest greenhouse area in the Netherlands, with this alliance seeing to it that Scheuten is active in terms of innovation in glass for greenhouses.

Energy is the most significant debit entry in the greenhouse sector. For that reason, the industry has been working hard on lowering CO₂ emissions and reducing dependence on fossil fuel for greenhouses. As a glass and solar company, therefore, Scheuten sees ample opportunities in this market. The latest innovation is VenloW-e glazing, insulated glass with a light transmission level of 89% and an insulation value of Ug 1.3. These excellent values are made possible thanks to special low-iron glass manufactured by Scheuten in a new float glass factory in Osterweddingen, Germany. Additional coatings ensure enhanced transmission and insulation values. Initial test results are promising and have been corroborated by Wageningen University & Research Centre. Supplementary research into growth and energy consumption is currently being carried out in a number of test greenhouses, such as in Bleiswijk, for instance.

As well as the VenloW-e glass, where the emphasis is on higher insulation value, Scheuten has also come up with three glass products where the emphasis is on increased light transmission. Single low-iron glazing with a light transmission level of 93% or 96% and an insulation glass version that combines a light transmission level of 92% with an insulation value of Ug 2.7.

Ruud Geerlings, Director Base Glass Products at Scheuten: 'Optimizing crop growth, saving energy and sustainable generation of energy are the cornerstones of this sector. Thanks to the versatility of our products and the combined knowledge of our Solar and Glass divisions, we will continue to innovate with total solutions for the market gardening sector.'

- END -

Scheuten is a leading and fast growing international high volume manufacturer of total solutions in glass and solar energy systems with its head office in Venlo. Scheuten employs in excess of 2,000 staff and achieved a turnover of over 500 million euro in 2010.

Scheuten continually invests in new developments. New innovative glass products are developed by combining knowledge from all its production facilities. Cooperation with leading universities and research institutes leads to sustainable, functional solutions in the fields of glass and solar technology. www.scheutenglass.com

For further information please apply to:

Ruud Massar

Communication Manager

Phone: +31 77 3247588

E-mail: rmassar@scheuten.com

Website: www.scheuten.com