

The Inflatable cloud

The Netherlands



This inflatable cloud, commissioned from FRANTZEN et al architects, was developed, manufactured and installed by Buitink-technology. CityLed from Venray has illuminated the cloud from inside with LED lighting controlled by computer.

The inflatable cloud is built up from about 140 different cutting patterns, generated by Tentech BV in EASY VOL and Rhino. The translucent fire resistant fabric provided with transparent, round openings. The cloud hangs in stainless steel cables. The cloud

was installed in un-inflated situation which means hung in the cables and then inflated. The cloud is kept under pressure by a small 220V air system that measures the pressure and fills with air when the pressure is below a certain point. The inside pressure varies between 20 and 30mbar.

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Name of the project:	Light sculpture for main office TomTom
Location address:	Amsterdam, The Netherlands
Client:	TomTom, Amsterdam
Function of building:	Sculpture
Type of application of the membrane:	2008/2009
Year of construction:	2008
Architects:	Frantzen et al Architecten BV/ Jo Coenen Co Architecten
Consulting engineer for the membrane:	Tentech BV, Utrecht, The Netherlands
Engineering of the controlling mechanism:	Buitink Technology
Main contractor:	Frantzen et al Architecten BV
Contractor for the membrane:	Buitink Technology
Supplier of the membrane material:	Heytex
Manufacture and installation:	Buitink Technology
Material:	PVC coated polyester fabric
Covered surface:	30m ²

SOBRESALIENTE

Buquebus

Bus & Cars parking

Port of Montevideo, Uruguay

At the transit area in the port of Montevideo a covered parking for bus and cars was asked for those travelling with the ferry connecting Montevideo and Buenos Aires. The objective of the parking roof is to provide rain and sun protection.

