

PRESS RELEASE

Tropical Islands – Europe's largest tropical holiday world



The architecture

.....at home in the largest self-supporting hall in the world

The dimensions are gigantic: The Tropical Islands hall is 360 metres long, 210 metres wide and 107 metres high! New York's Statue of Liberty could stand in it, the Paris's Eiffel Tower could lie in it. The floor area of 66,000 square metres is sufficient space for eight football fields. And the height of the hall provides sufficient space to hold the skyline of Berlin's Potsdamer Platz.

The huge hall was originally built as an airship building yard. The building shape was created as a "made-to-measure suit" for the airships. The enormous dimensions demanded maximum requirements of the designers: The structure had to cope with the weight of snow and rain covering 70,000 square metres of roof, heating was required, almost 14,000 tonnes of steel were used.

The airships were due to enter and exit the hall through two mighty gates. The 600 tonne openings are nowadays closed however.

Despite its size, the giant building is a structural lightweight. Five cantilevered steel arches form a semi-cylindrical part. The steel structure supports a membrane arched roof. A special foil permeable to UV light was attached to the south side so that the hall could be used as a tropical holiday world.

If you have any questions, please contact:

Tropical Islands

Press office

Tel.: +49 (0)35477 – 60 50 40

Fax: +49 (0)35477 – 60 80 80

eMail: presse@tropical-islands.de

www.tropical-islands.de

Dated: December 2010