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A PASSION FOR ENGINEERING



PE4 BOREALIS SCHWECHAT

AUSTRIA

Borealis is erecting a polyethylen-plant at Schwechat that is working with the company-owned Borstar-technology. The plant with an invest volume of € 200 Mill. will produce 350.000 tonnes polyethlyen per year. By building this plant, Borealis is following the increasing demand of linear low-density-polyethlyen, that is used for divers foils, flexible packaging and industrial purpose.

The structural analysis of the cooling towers, the silo foundations and the machinery foundations was carried out on behalf of Pörner+Partner ZT GmbH (www.poerner.at/poepa). The dynamic behaviour of the extruder and compressor foundations was judged by detailed dynamic analysis.





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client: Borealis GmbH, Austria
civil contractor: Habau, Austria
concrete: 26.000 m³
reinforcement: 2.800 to
structural steelwork: 2.600 to
completion: December 2005

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photos: T. Uzunoglu

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