

Project:

apartment + office building Juhkentali 52,
Tallinn, Estonia

Hendeck™ elevated floors

January till August 2007

7-floor apartment building including cellars and parking deck. Partly heavy loaded cantilevers and internally fixed steel beams for balcony construction made it necessary to work in wide areas in a combination of steel fiber reinforced concrete and traditional reinforcement. In a pure traditional solution very heavy traditional

reinforcement had been necessary. The

combination economized and speeded up the jobsite. In the standard areas a fiber reinforced concrete solution was used with regardance of the mandatory APC-rebars.



Severstal-metiz design-service

Design done according to DIN-standards on steel fiber reinforced concrete with regard to theory of plasticity.

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