

Title (en)
SUPPORTING METHOD FOR HOLLOW-CORE SLABS AND END ATTACHMENT

Title (de)
ABSTÜTZVERFAHREN FÜR HOHLTRÄGER UND ENDBEFESTIGUNG

Title (fr)
PROCEDE DE SUPPORT POUR DALLES A NOYAU CREUX ET ACCESSOIRE TERMINAL

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Abstract (en)
[origin: WO0149951A1] In the method according to the invention an end attachment (1) made of metal is installed at the ends of a hollow-core slab (100). The end attachment comprises a support plate (2) placed against the lower surface of the end portion of the hollow-core slab, a vertical plate (3) attached to a first edge of the support plate (2) in a substantially vertical position, and brackets attached to the vertical plate. A bracket may be e.g. a flat attachment plate (5). The end attachment further includes stiffener plates (12a) to stiffen the structure, and anchoring elements (6) through which the end attachment is attached to the hollow-core slab. The end attachment may be attached to the end of the hollow-core slab already at the element plant immediately after the slab has been cut. The basic idea of the invention is that when the slab is installed on the building site, the slab is not supported directly on the supporting structure but the reaction of support of the slab is transferred onto the beam through the support plate, vertical plate and brackets in the end attachment. With this method of support it is possible to reduce faults occurring from incorrect installation of the hollow-core slab as well as prevent the decrease in the capacity of the hollow-core slab resulting from the bending of the beam.

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