

The Formwork Experts.

Composite formwork beam

I tec 20 – the high-performance beam that saves on quantities

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The beam I tec 20 reveals interesting new perspectives in terms of optimising on-site equipment usage. The plastic support protecting the flange and the tried and tested beam-end reinforcements known from Dokas 'top' beams make it an extraordinarily robust formwork beam.

Save on equipment

thanks to optimised load capacity

- up to one-third fewer floor props on timber-beam slab formwork Dokaflex 30 tec
- up to 30 percent fewer form-tie points on Large-area formwork Top 100 tec
- 50 percent fewer primary beams in the superstructures of fully loaded Staxo 40 load-bearing towers

More repeat uses

thanks to all-round protection

- extra-long lifespan, thanks to the proven 'top' beam-end reinforcement
- reduced close-out costs due to the I tec sheet that protects the whole length of the flanges

High load capacity

achieved by innovative composite technology

- permitted bending moment $M = 9.0 \text{ kNm}$
- permitted shear force $Q = 20.0 \text{ kN}$
- rigidity $E \times I = 640 \text{ kNm}^2$
- weight = 5.6 kg/lin.m



The high load capacity of the I tec 20 composite formwork beam means that fewer system components are needed. This saves on equipment and speeds up the construction workflow.
