

**doka**

The Formwork Experts.

# Forming speed in a new dimension

Timber-beam floor formwork Dokaflex 30 tec



*... forming  
even faster*

# The athlete

among type 20 primary beams.

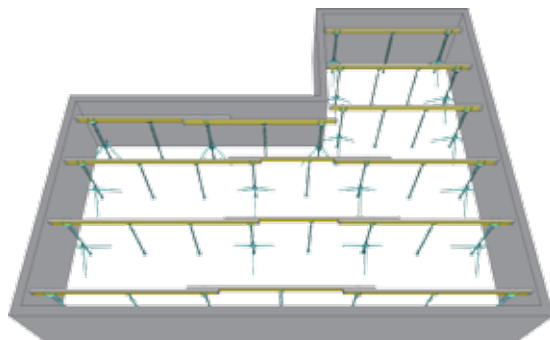


## 15 % faster during erecting and dismantling operations thanks to fewer materials used

- 80 % higher load capacity of the I tec 20 composite formwork beam compared to conventional timber formwork beams
- up to 1/3 fewer floor props because they can be spaced further apart
- erecting and dismantling operations require significantly fewer individual parts

## Comparison of Dokaflex 30 tec and conventional flex floor formwork such as Dokaflex 20

(Illustration without secondary beam and form-ply)



### Dokaflex 30 tec

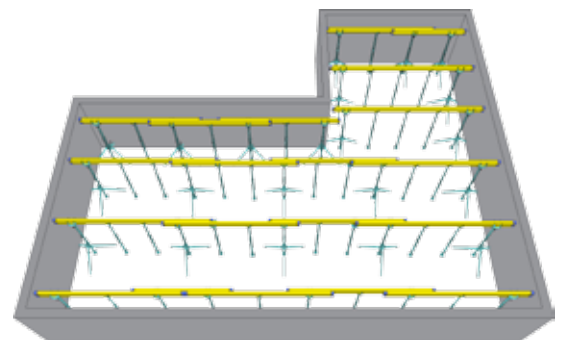
- max. floor prop spacing = 1.85 m, floor props = 39 pcs.  
removable folding tripods = 21 pcs., total time \* = 3.25 h

### The benefits for you

**-15 %**  
forming time

**-30 %**  
floor props

**-20 %**  
removable  
folding tripods



### Conventional flex floor formwork such as Dokaflex 20

- max. floor prop spacing = 1.00 m, floor props = 57 pcs.  
removable folding tripods = 26 pcs., total time \* = 4.75 h

\* total time refers to the time needed for erecting/dismantling operations, levelling: assumption per floor prop 5 min. layout 105 m<sup>2</sup> | floor thickness 30 cm | primary beam spacing 2.00 m

# Forming floors even faster by far

## Dokaflex 30 tec.



Even faster, easy pre-setting for floor props with permanently stamped hole numbering



Choice of concrete finish because of unlimited form-ply selection

### Even faster workflow

less equipment needed and more room to move with especially wide and reliable floor prop spacing



### I tec 20 – the primary beam with 80 % more load capacity

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

### Architecturally specified concrete finish produced quickly

because form-ply can be selected freely as to format and sheet structure

### Speedy dimensioning of common floor thicknesses

by using the technical slide rule or app (free download from our app store)

### Rapid shoring

of semi-finished precastings ensured by wide and reliable floor prop spacing

### Fast set-up of intermediate props without nails

by using Supporting head DF20

# Dokaflex 30 tec

## Forming floors even faster by far.

### Extremely fast

- accelerated set-up and dismantling
- up 1/3 fewer floor props to align and level
- far fewer separate parts to be moved
- even faster workflow because of wide spacing between floor props

### Cost-cutting

- less storage and transport volume
- commissioning quantities can be optimised to floor thickness
- long lifespan because top-beam ends are reinforced and flanges coated
- H20 beams used as primary beams thus far can put to further use as secondary beams

### Easy and safe

- adapts flexibly to any layout and floor thickness
- easy forming of shoring, drop beams and filigree slabs
- easy and safe forming thanks to markings on beam flange every 50 cm
- secondary beam stabiliser keeps secondary beams from tipping over