

# RAPID<sup>®</sup> T-Con

For timber/concrete composite systems

## Characteristics

### Flexible tool selection

- > Higher force transfer with hexagonal recess possible - important for particularly hard woods in the refurbishment of old buildings
- > Additional customary T-slot (T40)

### Screw-in marking

- > The friction part serves as a practical marking for the remaining length, which must protrude out from the wood.



### Fast screwing processes

- > Coarse thread including patented follower thread, rolled out to the tip
- > Low screw-in torque

### Patented follower thread tip – no pre-drilling necessary

- > 35° tip to bite quickly - especially for 45° pitch



T-Con		
		
Ø 8.0	Drive	T 40/SW12
	Length	155–205 mm
	Thread	Coarse thread
	Underhead	Shoulder
	Surface	RedWin 

## Advantages of the timber-concrete composite system

- > Higher ultimate limit state for low structure height
- > Especially when it comes to refurbishing old buildings, the existing ceiling can still be used - which is more economical, sustainable and affordable

### Compared to purely wooden ceilings:

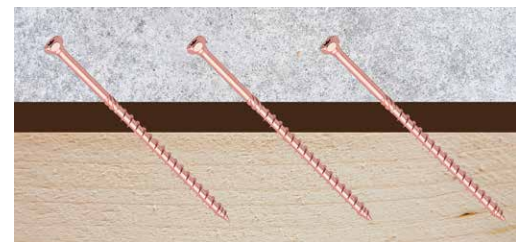
- > Higher ultimate limit state and stiffness
- > Fire prevention: The risk of transferring fire is greatly reduced
- > Concrete ceiling panels reduce vibrations and improve noise insulation

### Compared to purely concrete ceilings:

- > Better environmental balance: 2/3 of timber is built in
- > Lower dead load

## Dimensioning software

- > The dimensioning software for timber/concrete composite systems is available in the following languages: German, English, French, Italian and Czech
- > Concrete thickness starts at 50 mm (DE: 70 mm)
- > Calculation for supported/non-supported ceilings
- > Concrete cracked/not cracked
- > Screw fitting 45°/90° or crosswise 45°/135° and supports 90°/135°
- > With/without support
- > The gusset concrete weight is factored into the dowel beam cross section



### Accessories



SCREW-IN TOOL

