RAPID® 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

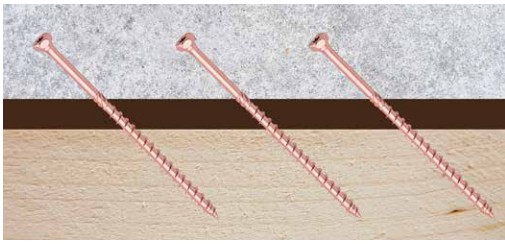
> 35° tip to bite quickly - especially for 45° pitch

T-Con		
		
Ø 8.0	Drive	T 40/SW12
	Length	155–205 mm
	Thread	Coarse thread
	Underhead	Shoulder
	Surface	RedWin, Cr[VI] free

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



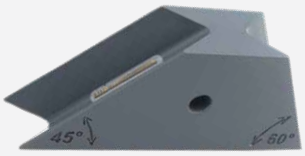
Compared to purely wooden ceilings

> 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

Accessories



SCREW-IN TOOL

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

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