

**CONSULTING SERVICE REQUEST:  
CONNECTORS CTC ROTHOBLAAS FOR CONCRETE TO TIMBER FLOOR CALCULATION**

Appliant:	Surname / Name	
	e-mail	Tel. /Fax
Rif. Construction site:		
Rif. salesman:		Date:

Choice of connector

<input type="checkbox"/> CTC Ø7x160	<input type="checkbox"/> CTC Ø7x240	<input type="checkbox"/> CTC Ø9x160	<input type="checkbox"/> CTC Ø9x240	<input type="checkbox"/> designer choiche	
slab n° _____				Value	Unit
BEAM LENGTH					m
BEAMS NUMBER					
BEAM SPAN (SPACES BETWEEN BEAMS)					m
BEAM SIZES					mm
PLANKING THICKNESS <sup>1</sup> ( ≤ 50 mm )					mm
CONCRETE SLAB THICKNESS <sup>2</sup> ( ≥ 50 mm )					mm
CONCRETE STRENGTH CLASS (e.g. C20/25)					
TYMBER TYPE AND RESISTANCE CLASS <sup>3</sup> (es. Glulam GL24h, SOLID WOOD C24, etc.)					
DEAD LOAD mq <sup>4</sup> (self weight excluded)					kN/m <sup>2</sup>
VARIABLE LOAD A mq <sup>5</sup>					kN/m <sup>2</sup>
INTENDED USED (residential, dense crowd place, restaurant, library,..)					
LONGITUDINAL LENGTH OF THE FLOOR					m
NEW BUILDING OR BUILDING RESTORATION					
In case of roof, please note the slope				α roof =	

*For a correct dimensioning, please attach a plan drawing.*

*RothoBlaas Srl  
Technical department*

<sup>1</sup> If not specified, a planking thickness of 20 mm is considered

<sup>2</sup> If not specified, a slab concrete thickness of 5 cm and a concrete class C20/25 is considered

<sup>3</sup> If not specified, a class of resistance GL24h (EC 5 - EN 14080:2013) is considered for glulam timber and a class of resistance C24 in considered for Solid timber (EC 5 - EN 338:2016)

<sup>4</sup> Dead Load does not take into account self weight of beams, concrete slab and planking; if not specified, a dead load of 2,5 KN/m<sup>2</sup> is considered for intermediate floor and 1,0 KN/m<sup>2</sup> for roofs.

<sup>5</sup> In not specified, a variable load of 2 KN/m<sup>2</sup> is considered for intermediate slab (medium duration) and 1,5 KN/m<sup>2</sup> for roofs (brief duration).