

13.3.2019

CONFIRMATION OF STRENGTH CALCULATION

CONFOOT LTD

has implemented a documented strength calculation applying guidelines of standards
SFS-EN 1993-1-1, SFS-EN 1993-1-8 and SFS-EN 1494.

Product: **ConFoot® CF-leg**
(19ST17)

Calculation assumptions and exclusions:

- Rated load / one CF -leg: 8500 kg
- Safety factor for load used in calculations: 1,5
 - Safety factor of 1,5 accounts for dynamic effects and the static test. This factor does NOT account for wind loads
- Height of the ConFoot CF -leg: 1448 mm
- Calculations are only valid when the CF-leg is set on surface which has friction coefficient more than 0,1.

Calculation results:

- ConFoot CF -leg can withstand the rated load with safety factory 1,5 without any plastic deformation

Vantaa 13.3.2019



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