



Maximum span MOSO bamboo X-treme decking
 NEN-EN 1991-1-1+C1 (Netherlands)

חישוב צפיפות תשתית דק MOSO®|X-treme®

Category	Max. applied load						
	Distributed load kN/m ²	Max. span					
		18x137 (height x width) mm	18x155 (height x width) mm	18x178 (height x width) mm	20 x137 (height x width) mm	20 x155 (height x width) mm	20 x178 (height x width) mm
A-Housing ¹⁾							
Floors	1,75	462,5**	462,5	462,5	616,7*	616,7	616,7
Balconies	2,0	462,5	462,5	462,5	616,7	616,7	616,7
Stairs	2,5	462,5	462,5	462,5	616,7	616,7	616,7
B-Offices ¹⁾							
Offices	2,5	462,5	462,5	462,5	616,7	616,7	616,7
C-public areas ²⁾							
C1- rooms with tables	4,0	370***	370	370	462,5	462,5	462,5
C2- rooms with fixed tables	4,0	370	370	370	462,5	462,5	462,5
C3- rooms without obstructions for circulation	5,0	370	370	370	462,5	462,5	462,5
C4- rooms for physical activities / sports	5,0	370	370	370	462,5	462,5	462,5
C5- rooms for important events	5,0	370	370	370	462,5	462,5	462,5
D- Commercial areas ²⁾							
D1- retail centres	4,0	370	370	370	462,5	462,5	462,5
D2- shopping malls	4,0	370	370	370	462,5	462,5	462,5

* = 1850/3= 616,7mm

** = 1850/4= 462,5mm

*** = 1850/5= 370mm

1) deflection requirement: 5mm

2) deflection requirement: 3mm

Note: no rights can be derived from this table

Note: this table is valid only for distributed loads, in case of point loads an additional calculation is required

Date: 01-02-17

Place: Zwaag, NL