

## Industrial LignumStrand Specification

Properties	Norm	Unit	Symbol	Variation	CH-60	CH-65	CH-70	CH-80
Density	EN 323	$Kg/m^3$	$\rho$	+/- 7%	600	650	700	800
Bending strength	EN14374 (4.4.3) EN	$N/mm^2$	$f_m$		25	29	33	45
Modulus of elasticity	EN14374 (4.5.2) EN	$N/mm^2$	$E_{m,l}$		6500	8100	9300	12700
Screw withdrawal resistance. Face	UNE EN 320-1993	$kN$			1,35	1,75	2,21	3,38
Screw withdrawal resistance. Edge					1,22	1,61	2,14	3,21
Moisture content	EN 322	%	$H$	+/- 3%	9	9	9	9
Reaction to fire	EN13501				D-s1,d0	D-s1,d0	D-s1,d0	D-s1,d0
Formaldehyde emission	EN 717-1				E1	E1	E1	E1
Dimensions tolerances	EN 14374							
Length		mm		+/- 7				
Width		mm		+/- 8				
Thickness		mm		+0,8/-0,4				

Possibility of cutting to size with accuracies: +/- 1 mm length up to 2500 mm, +/- 0.1 mm or 0.2 mm for widths up to 100 mm, and +/- 0.3 mm in thickness.