

Strength Data

C16 and C24

Strength Class	C16	C24
Bending parallel to grain (N/mm ²)	5.3	7.5
Tension parallel to grain (N/mm ²)	3.2	4.5
Compression parallel to grain (N/mm ²)	1.8	7.9
Compression perpendicular to grain (N/mm ²)	2.2 - 1.7	2.4 - 1.9
Shear parallel to grain (N/mm ²)	0.67	0.71
Modulus of elasticity mean (N/mm ²)	8,800	10,800
Modulus of elasticity minimum (N/mm ²)	5,800	7,200
5 percentile density (kg/m ²)	310	350
Mean density (kg/m ²)	370	420

TR26

Strength Class	TR26
Bending parallel to grain (N/mm ²)	28.3
Tension parallel to grain (N/mm ²)	17.6
Compression parallel to grain (N/mm ²)	22.9
Compression perpendicular to grain (N/mm ²)	2.6
Shear parallel to grain (N/mm ²)	4.0
Modulus of elasticity mean (N/mm ²)	11,000
5% modulus of elasticity parallel bending (N/mm ²)	7,400
5 percentile density (kg/m ²)	370
Mean density (kg/m ²)	444