

ISO 22390:2010-08 (E)

Timber structures - Laminated veneer lumber - Structural properties

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Requirements	3
4.1	Veneers	3
4.2	Bonding quality	3
4.3	Dimensions and tolerances	3
5	Test methods	4
5.1	General	4
5.2	Edgewise bending strength	4
5.3	Flatwise bending strength	4
5.4	Tension strength parallel to the grain	5
5.5	Compression strength parallel to the grain	5
5.6	Shear strength (edge) related to edgewise bending	6
5.7	Shear strength (flat) related to flatwise bending	6
5.8	Compression strength perpendicular to the grain	6
6	Stiffness	6
6.1	General	6
6.2	Modulus of elasticity in edgewise bending	6
6.3	Modulus of elasticity in flatwise bending	7
6.4	Modulus of elasticity in tension parallel to the grain	7
6.5	Modulus of elasticity in compression parallel to the grain	7
7	Other physical characteristics	7
7.1	Density	7
7.2	Moisture content	7
7.3	Species equivalency for connection properties	8
7.4	Creep and duration of load effects	8
Bibliography		9