

ISO 22390:2020-03 (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	1
4 Requirements	3
4.1 Veneers.....	3
4.2 Bonding quality.....	3
4.3 Specimen dimension measurement accuracy.....	4
5 Test methods	4
5.1 General.....	4
5.2 Edgewise bending strength.....	5
5.3 Flatwise bending strength.....	5
5.4 Tension strength parallel to the grain.....	5
5.5 Compression strength parallel to the grain.....	6
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	7
6.1 General.....	7
6.2 Modulus of elasticity in edgewise bending.....	7
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.....	8
7 Other physical characteristics	8
7.1 Density.....	8
7.2 Moisture content.....	8
7.3 Species equivalency for connection properties.....	8
7.4 Creep and duration of load effects.....	8
Bibliography	9