

ISO 18776:2008-02 (E)

Laminated veneer lumber (LVL) - Specifications

Contents		Page
Foreword		iv
1	Scope	1
2	Conformance	1
2.1	Quality system requirements	1
2.2	Manufacturing specifications	1
3	Normative references	2
4	Terms and definitions	2
5	Materials	3
5.1	Veneer	3
5.1.1	General	3
5.1.2	Species	3
5.1.3	Thickness	3
5.1.4	Quality	3
5.1.5	Jointing	4
5.2	Adhesives	4
6	Bonding quality	4
7	Lay-up (arrangement of veneers)	4
8	Dimensions, shape and tolerances	4
8.1	Dimensions	4
8.2	Shape	5
8.3	Tolerances	5
8.3.1	Dimensions	5
8.3.2	Shape	6
9	Determination of properties	6
9.1	Physical properties	6
9.2	Mechanical properties	6
9.2.1	General	6
9.2.2	Structural applications	6
9.3	Supplementary properties	6
10	Preservative and chemical treatments	7
10.1	Natural or conferred biological durability	7
10.2	Effect of chemical treatments	7
11	Formaldehyde release	7
12	Marking (identification)	7
Annex A (normative) Veneer quality		9
Annex B (normative) Panel construction (Veneer arrangement)		10
Annex C (informative) Properties to be determined depending on end use		11
Annex D (informative) Supplementary properties		12
Bibliography		13