

ISO 16572:2008-06 (E)

Timber structures - Wood-based panels - Test methods for structural properties

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviated terms	2
5	Sampling	3
5.1	Sampling of panels	3
5.2	Sampling of specimens	3
6	Preparation of test pieces	4
6.1	Conditioning	4
6.2	Dimensions of test pieces	4
6.3	Moisture content	4
6.4	Density	4
7	Bending properties	5
7.1	True bending properties flatwise	5
7.2	Apparent bending properties flatwise	7
7.3	Bending properties edgewise	8
8	Compression properties	10
8.1	General	10
8.2	Compression test for small test pieces	10
8.3	Compression test for large-size test pieces	12
8.4	Expression of results	14
9	Tension properties	14
9.1	Test piece	14
9.2	Loading equipment	14
9.3	Loading method	15
9.4	Test procedure	15
9.5	Expression of results	15
10	Panel shear	16
10.1	Panel shear -- Method A	16
10.2	Panel shear -- Method B	17
10.3	Expression of results	20
11	Planar shear	20
11.1	Method A -- Loaded by plates	20
11.2	Method B -- Five-point bending	23
12	Test report	24
12.1	General	24
12.2	General data	24
12.3	Data on the material	24
12.4	Data on individual test pieces	25

12.5	Data on physical properties	25
12.6	Additional information	25
12.7	Sampling data	25
Annex A (informative) Small-size compression test pieces		26
Annex B (informative) Example of cutting schedule		27
Annex C (informative) Panel shear -- Method B		28