

# ISO 16572:2008-06 (E)

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

---

<b>Contents</b>		<b>Page</b>
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

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