

ISO 12122-4:2017-01 (E)

Timber structures - Determination of characteristic values - Part 4: Engineered wood products

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols	2
5	Reference population	2
6	Sampling	2
6.1	Sampling method	2
6.2	Sample size	2
7	Sample conditioning	2
8	Test data	3
8.1	Test method	3
8.2	Test data compatible with product description	3
8.3	Failure modes	3
9	Evaluation of characteristic values for structural properties	3
9.1	Structural properties	3
9.2	Characteristic values of material properties	3
9.2.1	Characteristic modulus of elasticity and shear modulus	3
9.2.2	Characteristic bearing strength	4
9.2.3	Other characteristic values for strength based on the 5th percentile test value	4
9.3	Characteristic values of component properties	4
9.3.1	Characteristic stiffness	4
9.3.2	Characteristic bearing strength	4
9.3.3	Other characteristic capacities for strength based on the 5th percentile test value	4
10	Report	4
Annex A (informative) Commentary		5
Annex B (informative) Analytical models for determining characteristic properties of engineered wood products		10
Bibliography		11