



Declaration of performance

according to Regulation (EU) No. 305 of the European Parliament and the Council of 9 March 2011

No.: DoP 03

1. Type:
structural timber C16
strength graded structural timber with rectangular cross section according to EN 14081-1:2005+A1:2011 of the strength class C16 according to EN 338
2. Type number:
Studs and Dimension C16
3. Intended use:
Building and bridges
4. Trade name:
EGGER sawn timber
manufacturer:
EGGER Sägewerk Brilon GmbH
Im Kissen 19
59929 Brilon
Germany
5. Not applicable
6. Conformity system according to EU 305, Annex V:
System 2+
7. Building product according to the harmonised standard:
EN 14081-1:2005+A1:2011

The notified body:
1359
Holzforschung Austria
Forschungsinstitut und akkreditierte
Prüf- und Überwachungsstelle
Franz Grill Straße 7
1030 Wien
Austria
- has undertaken according to EN 14081:2005+A1:2011 System 2+ the certification and has issued the certificate:
1359-CPR-0100
8. Not applicable



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Mechanical properties	Unit	
Density	[kg/m³]	≥310
Bending strength EN 338	[N/mm²]	16
Tension parallel EN 338	[N/mm²]	8.5
Tension perpendicular EN 338	[N/mm²]	0.4
Compression parallel EN 338	[N/mm²]	17
Compression perpendicular EN 338	[N/mm²]	2.2
Shear EN 338	[N/mm²]	3.2
Mean modulus of elasticity parallel	[kN/mm²]	8.0

General tolerances	Unit	Thick and width	
		≤100 mm	>100 und ≤300 mm
Thick and width tolerance EN 336	[mm]	±1	±1,5

Physical properties	
Fire behaviour	
Class according EN 13501-1	d-s2, d0
Fire resistance	
Class according DIN 4102	B2
Biological durability EN 350-2	
Natural durability against fungi	Durability class 4 (non-durable)
Insects, termite, maritime wood destroyers	NPD

General properties	
Type of wood	
According to EN 14081-1	WPCA Whitewood (spruce and fir)
Emission or introduction of hazardous substances	
REACH regulation 1907 / 2006 / EC	No declarable substances according to SVHC list (status 27.02.2019)

NPD (no performance determined)

Signed for and on behalf of the manufacturer by:

Hubertus Becker
 Managing Director Sales
 Brilon, 27.02.2019

