



Declaration of performance

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

No.: DoP 11

1. Type:
structural timber C24M
strength graded structural timber with rectangular cross section according to EN 14081-1:2008+A1:2011 of the strength class C24 according to EN 338
2. Type number:
Studs and Dimension C24M
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 14081-1:2008+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 13986:2004 System 2+ the certification and has issued the certificate:
1359-CPR-0100
8. Not applicable



Declaration of performance

Mechanical properties	Unit	
Density	[kg/m ³]	≥350
Bending strength EN 338	[N/mm ²]	24
Tension parallel EN 338	[N/mm ²]	14.5
Tension perpendicular EN 338	[N/mm ²]	0.4
Compression parallel EN 338	[N/mm ²]	21
Compression perpendicular EN 338	[N/mm ²]	2.5
Shear EN 338	[N/mm ²]	4.0
Mean modulus of elasticity parallel	[kN/mm ²]	11.0

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

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

