

TERRYN TIMBER PRODUCTS NV
DECLARATION OF PERFORMANCE (DoP)
No. DOP_TTPDP_20180101

1. Unambiguous ID code of the product type:
Glued laminated timber made from coniferous wood
2. Intended use:
Buildings and bridges
3. Manufacturer:
TERRYN TIMBER PRODUCTS NV, Breulstraat 111, B-8890 Moorslede, Tel. +32 51 78 88 88
4. Authorized representative:
No external authorized representative
5. System for assessing and verifying the constancy of performance:
System 1
6. A) Harmonized standard:
EN 14080:2013
Notified body No. 1161
Certificate of constancy of performance 1161-CPR-0778
7. Declared performances:

ESSENTIAL CHARACTERISTICS	SYMBOL	PERFORMANCE	
		STRENGTH CLASS	
		GL24h	GL28h
Mechanical resistance		N/mm ² or kg/m ³	
Bending strength	$f_{m,g,k}$	24	28
Tensile strength	$f_{t,0,g,k}$	19.2	22.3
	$f_{t,90,g,k}$	0.5	0.5
Compression strength	$f_{c,0,g,k}$	24	28
	$f_{c,90,g,k}$	2.5	2.5
Shear strength (shear and torsion)	$f_{v,g,k}$	3.5	3.5
Rolling shear strength	$f_{r,g,k}$	1.2	1.2
Modulus of elasticity	$E_{0,g,mean}$	11500	12600
	$E_{0,g,05}$	9600	10500
	$E_{90,g,mean}$	300	300
	$E_{90,g,05}$	250	250
Shear modulus	$G_{g,mean}$	650	650
	$G_{g,05}$	540	540

Rolling shear modulus	$G_{r,g,mean}$	65	65
	$G_{r,g,05}$	54	54
Density	$P_{g,k}$	385	425
	$P_{g,mean}$	420	460
Bonding strength - Strength of finger joints - Glue lines between laminations		GL24h	GL28h
		Delamination test, method B	
Resistance to fire		GL24h	GL28h
		R class shall be determined according to EN 1995-1-2 and National Annexes	
Reaction to fire		D-s2,d0 pursuant to EN 14080, Table 11	
Release of formaldehyde		E1	
Release of other dangerous substances		Not relevant	
Durability of bonding strength - Species - Adhesive		Spruce (PCAB), Pine (PNSY) or Larch (LADC)	
		MUF, EN 301	
Durability of other characteristics against biological attack		Class 4/5 (EN 350-2)	

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation EU/305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Niko Bonnyns

Managing Director Terryn Timber Products

Moorslede 01.01.2018

TERRYN TIMBER PRODUCTS NV
 BTW 0402751002
 NBO Management BVBA
 Vert. door Niko Bonnyns
 Gedelegeerd bestuurder