Declaration of Performance

Declaration of performance no.:	DOP-3210181-2013
1. Unique identification code of the product type:	CT 10180
2. Intended use or uses:	For structural timber products
3. Manufacturer:	DOMAX Sp. z o.o. Łężyce, al. Parku Krajobrazowego 109 84-207 Koleczkowo, Polska
4. Authorized representative:	nd
5. System(s) for assessment and verification of constancy of performance:	3
6. European Assessment Document:	$EAD
European technical assessment:	
Technical evaluation unit:	$JEDNOSTKA_NAZWA
Notified body or bodies:	$JEDNOSTKA_NR

7. Declared Performance

Essential characteristics	Performance characteristics
Mechanical strength and durability	
Dimensions	10x180 [mm]
Characteristic plasticizing moment of the smooth part (Nmm)	72 200
Characteristic plasticization torque of the threaded part (Nmm)	36 000
Characteristic pullout strength radial to wood fiber fax,k (N/mm2)	$CHAR_WYT_NA_WYC_PROM
Characteristic pullout strength tangentially to wood fibers fax,k (N/mm2)	$CHAR_WYT_NA_WYC_STY
Characteristic pullout strength along wood fibers fax,k (N/mm2)	$CHAR_WYT_NA_WYC_WZ
Characteristic tensile strength of the head radially to the fiber fhead,k (N/mm2)	$PRZE_LBA_PROM
Characteristic resistance to pulling the head tangentially to the wood fibers fhead,k (N/mm2)	$PRZE_LBA_STY
Specific tensile strength ftens,k (kN)	32
Characteristic yield strength (MPa)	$CHAR_GRA_PLA
Characteristic torsional strength ftor,k (Nm)	46,55
Screw-in torque (Nm)	16,64
Characteristic torsion factor ftor,k/Rtor,k	2,8
Bending angle	23°10'
Corrosion resistance	Fe/Zn 12c
Safety in case of fire	
Response to fire	A1

$DEK_PRO

$PODPIS

Marek Dobrowolski

Łężyce, 2018-11-12

$PREZES

