| | |
|---|---|
| **Declaration of performance no.:** | DOP-3210121-2013 |
| **1. Unique identification code of the product type:** | CT 10120 |
| **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 | 10x120 [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

