

IMPREG®+



Document no: CE-200191

The decking screw Impreg®+ is designed for the new type of impregnated timber. The screw has a TX recess to ensure good grip and a cutpoint, which effectively drives the screw down into the woodwork and counteracts splitting.

Dimensions:

d 4,2 mm L 35 - 75 mm

Material:

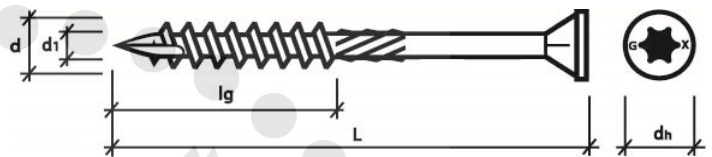
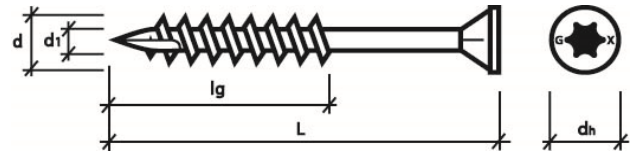
EN ISO 16120

Treatment:

Impreg®+ min. 12 µm acc. to SC0204-11, Corrosion class C4

Screw head:


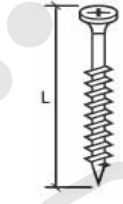
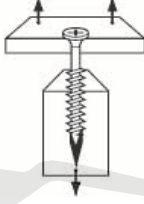
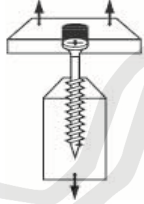


TX20



DIMENSIONS

IMPREG®+					
Name	Nominal diameter d [mm]	Inner threaded diameter d ₁ [mm]	Total length L [mm]	Threaded length l _g [mm]	Head diameter d _h [mm]
4,2x35	4,2	3,1	35,0	20,0	7,0
4,2x45			45,0	23,5	
4,2x55			55,0	27,5	
4,2x75		3,2	75,0	40,5	

CHARACTERISTIC LOAD CAPACITY

IMPREG [®] +							
Name	Nominal diameter d [mm]	Total length L [mm]	Withdrawal parameter $f_{ax,k}$ [N/mm ²]*	Head pull-through parameter $f_{head,k}$ [N/mm ²]*	Yield moment $M_{y,k}$ [Nmm]	Tensile capacity $f_{tens,k}$ [kN]	Torsional ratio $F_{tor,k}/R_{tor,k} \geq 1,5$
4,2x35	4,2	35,0	13,2	12,1	4463	6,3	2,5
4,2x45		45,0					
4,2x55		55,0					
4,2x75		75,0	18,0	14,0	5010	6,2	2,3
							

* The withdrawal parameter $f_{ax,k}$ and the head pull-through parameter $f_{head,k}$ is tested in wood with a characteristic density of $\rho_k=350$ kg/m³ (C24). When wood with another density is used values shall be multiplied with $\rho_k/350$.

PRODUCT IDENTIFICATION

Following articles which are sold in the brand name GUNNEBO FASTENING are covered by this Declaration of Performance:

ARTICLE NUMBER

69417	69421	70824
69418	69813	69517
69419	69422	29516
69812	69424	70953
70274	69814	70954
69425	70824	
69420	69517	

The manufacturer declares for:

Decking screw with countersunk head, Impreg[®]+, diameter 4,2 mm

1. Product is in accordance with EN 14592:2008 "Timber Structures – Dowel-type fasteners – Requirements".
2. Initial Type Testing was performed to confirm essential characteristic values in accordance to table ZA.1 in EN 14592. Declared values accompanies with the CE mark on each package and in this technical document.
Tillverkaren deklarerar för:
3. Initial Type testing is performed by

Strojirensky Zkusebni Ustav s.p. Notified body 1015
TJ-30-9836/18
TJ-30-9961/2
4. For this product the compliance with the conditions of the Annex ZA in EN 14592 are accomplished.
5. A FPC system is established and maintained under the responsibilities of the manufacturer.

Impreg[®]+ min. 16 µm, type 1. Corrosion Class C4

The system of attestation of conformity for Timber fasteners used for structural timber products is 3.

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Gunnebo 2013-11-11



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