

PRODUCT IDENTIFICATION

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

Article number

42W50MW	42W65MWX	42W50MY
42W55MW	42W75MW	42W55MY
42W65MW	42W75MWX	42W65MY

The manufacturer declares for:

Screw, diameter 4,2mm up to 75 mm

Product is in accordance with EN 14592:2008 + A1:2012 "Timber Structures - Dowel-type fasteners - Requirements"

Initial Type Testing was performed to confirm essential characteristic values in accordance to table ZA.1 in EN 14592:2008 + A1:2012. Declared values accompanies with the CE mark in this technical document.

Initial Type Testing is performed by notified body: **1686**

For this product the compliance with the conditions of the Annex ZA in EN 14592 are accomplished.

Treatment:

Clear Zinc - Service Class 1

Phosphate - Service Class 1

Yellow Zinc - Service Class 1

Ruspurt II - Service Class 1,2

Stainless Steel A2 - Service Class 1, 2, 3

Weatherex II - Service Class 1, 2, 3



Dimensions

Weatherex II			
Length	Diameter (mm)	Length of threaded part (mm)	Head diameter (mm)
50mm	4,2	45mm	8
55mm		50mm	
65mm		60mm	
75mm		70mm	
Yellow Zinc			
Length	Diameter (mm)	Length of threaded part (mm)	Head diameter (mm)
50mm	4,2	45mm	8
55mm		50mm	
65mm		60mm	

Mechanical strenght and stiffness

Weatherex II						
Length	Characteristic yield moment (Nmm)	Characteristic withdrawal parameter (N/mm ²)*	Characteristic head pull through parameter (N/mm ²)	Characteristic tensile strenght (N/mm ²)	Characteristic torsional strenght (Nmm)	Characteristic torsional resistance (Nmm)
50mm	4690	10,87	24,4	5112	4,98	1,74
55mm						
65mm						
75mm						
Yellow Zinc						
Length	Characteristic yield moment (Nmm)	Characteristic withdrawal parameter (N/mm ²)*	Characteristic head pull through parameter (N/mm ²)	Characteristic tensile strenght (N/mm ²)	Characteristic torsional strenght (Nmm)	Characteristic torsional resistance (Nmm)
50mm	4690	12,35	26,5	4729	4,4	1,47
55mm						
65mm						

* The withdrawal parameter $f_{ax,k}$ is tested in wood with characteristic density of $\rho_k=350\text{kg/m}^3$

System of assessment and verification of constancy of performance for timber fasteners used for structural products is 3.

A Factory Production Control system is established and maintained under responsibilities of the manufacturer:

Name and contact address of the manufacturer

Verpa Senco B.V.

Pascallaan 88

8218 NJ Lelystad, The Netherlands

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

June 25, 2013

Lelystad, The Netherlands



Fred van Gerven,
Technical Manager

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