

## PRODUCT IDENTIFICATION

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



Article number

<b>42K25MY</b>	<b>42K40MY</b>	<b>42KS45MY</b>
<b>42K35MY</b>	<b>42KS40MY</b>	<b>42K50MY</b>
<b>42KS35MY</b>	<b>42K45MY</b>	<b>42KS50MY</b>

The manufacturer declares for:

### Screw, diameter 4,2mm up to 50 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	Stainless Steel A2 - Service Class 1, 2, 3
Phosphate - Service Class 1	Weatherex II - Service Class 1, 2, 3
Yellow Zinc - Service Class 1	
Ruspurt II - Service Class 1,2	

## Dimensions

Yellow Zinc			
Length	Diameter (mm)	Length of threaded part (mm)	Head diameter (mm)
25mm	4,2	20mm	8
35mm		30mm	
40mm		35mm	
45mm		40mm	
50mm		45mm	

## Mechanical strenght and stiffness

Yellow Zinc						
Length	Characteristic yield moment (Nmm)	Characteristic withdrawal parameter (N/mm <sup>2</sup> )*	Characteristic head pull through parameter (N/mm <sup>2</sup> )	Characteristic tensile strenght (N/mm <sup>2</sup> )	Characteristic torsional strenght (Nmm)	Characteristic torsional resistance (Nmm)
25mm	4312	12,35	31,3	4729	3,43	1,28
35mm						
40mm						
45mm						
50mm						

\* 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



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