

## PRODUCT IDENTIFICATION

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



Article number

<b>SL12CABH</b>	<b>SL14CABH</b>	<b>SL16CABH</b>	<b>SL17APBH</b>	<b>SL19AABAJ</b>
<b>SL13CABH</b>	<b>SL03CABH</b>	<b>SL17AABAP</b>	<b>SL17CABH</b>	<b>SL19CABH</b>
<b>SL13AAACL</b>	<b>SL15AGBC</b>	<b>SL17AABHJ</b>	<b>SL18AGBC</b>	<b>SL21CABH</b>
<b>SL14AABAP</b>	<b>SL15APBFJ</b>	<b>SL17AABC</b>	<b>SL18CABH</b>	<b>SL22CABH</b>
<b>SL14CABAJ</b>	<b>SL15CABH</b>	<b>SL17ADBAP</b>	<b>SL19AAAAP</b>	<b>SL21APBH</b>

The manufacturer declares for:

### Round cross-section ring shank nail, diameter 2,1 mm up to 55 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:

- Bright Basic - Service Class 1
- Electro galvanized - Service Class 1
- Electro galvanized 12 µm - Service Class 1,2
- Hot dipped galvanized 55 µm - Service Class 1, 2, 3
- Stainless Steel A2 - Service Class 1, 2, 3
- Weatherex II - Service Class 1, 2, 3

## Dimensions

Electro galvanized / Electro galvanized 12 µm				
Length	Diameter (mm)	Shank type	Length of threaded part (mm)	Length of point (mm)
25mm	2,1	Ring	13	3,3
28mm				
32mm				
38mm				
45mm				
22mm				
25mm				
28mm				
30mm				
32mm				
35mm	0		17	
38mm				
40mm				
45mm				
50mm				
55mm				
15				
13				
16				
14				
			14	
			20	
			27	
			30	
			35	
			40	

<b>Bright Basic</b>				
Length	Diameter (mm)	Shank type	Length of threaded part (mm)	Length of point (mm)
38mm	2,1	Ring	20	3,3
<b>Stainless Steel (A2)</b>				
Length	Diameter (mm)	Shank type	Length of threaded part (mm)	Length of point (mm)
32mm	2,1	Ring	14	3,3
40mm			27	
<b>Weatherex II</b>				
Length	Diameter (mm)	Shank type	Length of threaded part (mm)	Length of point (mm)
38mm	2,1	Ring	20	3,3

## Mechanical strenght and stiffness

<b>Electro galvanized / Electro galvanized 12 µm</b>											
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> )	Coating length (mm)	Head cross sectional (mm <sup>2</sup> )					
22mm	1062	6,9	25,12	777	15	19					
25mm					16,5						
28mm					19,5						
30mm					17,5						
32mm					22,5						
35mm					25,5						
38mm					28,5						
40mm					31,5						
45mm					37,5						
50mm					40,5						
55mm					43,5						
<b>Bright Basic</b>											
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> )	Coating length (mm)	Head cross sectional (mm <sup>2</sup> )
38mm	1062	6,9	25,12	777	28,5	19					
<b>Stainless Steel (A2)</b>											
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> )	Coating length (mm)	Head cross sectional (mm <sup>2</sup> )					
32mm	1062	6,9	19,81	777	22,5	19					
40mm					31,5						

Weatherex II						
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 strength (N/mm <sup>2</sup> )	Coating length (mm)	Head cross sectional (mm <sup>2</sup> )
38mm	1062	6,9	25,12	777	28,5	19

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

\*\* Coating type 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 14, 2013

Lelystad, The Netherlands



Fred van Gerven,  
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