



MAKE IT LAST.

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## DECLARATION OF PERFORMANCE EL19ASBHR (v0)

Name	Senco cn flat hdg dp ring senc. 2,3x45mm
Article number	EL19ASBHR
GTIN	8715274028927

Intended use/uses and identification of the construction product	
Manufacturer	Kyocera Senco UK Ltd., 630 Europa Boulevard, Warrington WA5 7YH, UK
Intended use	Dowel-type fastener
Unique identification code	EL19ASBHR
DOP No	EL19ASBHR
Designated standard	EN 14592:2008+A1:2012
AVCP	3
NB	1686

Declared performances		
Essential characteristics for: EL19ASBHR		Performance
Characteristic yield moment	$M_{y,k}$	1523 Nmm
Characteristic withdrawal parameter	$f_{ax,k}$	8.9 N/mm <sup>2</sup>
Characteristic head pull through parameter	$f_{head,k}$	22.4 N/mm <sup>2</sup>
Characteristic tensile capacity	$f_{tens,k}$	NPD
Durability against corrosion		Hot dipped galvanised 55 µm, SC 1,2 & 3, EN 1995-1-1

$f_{ax,k}$ ,  $f_{head,k}$  are tested at a characteristic timber density of 350 kg/m<sup>3</sup>

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of KYOCERA SENCO UK Ltd by:

Place and date of issue: Warrington,

Lars Aa. Mortensen  
Technical Manager, KYOCERA SENCO EMEA

Additional information		
Nail diameter	$d$	2.3 mm
Head cross sectional area	$d_h$	23 mm
Nail length	$L$	45 mm
Threaded/profiled length	$l_g$	26 mm
Length of point	$L_p$	3.6 mm
Coating length	$L_h$	31.5 mm
Coating type	Type	Coating type 3
Reaction to fire		A1