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## DECLARATION OF PERFORMANCE 45RH75MY (v1)

Name	Flooring wood to wood screw SD25 yellow zinc 4,5x75mm
Article number	45RH75MY
GTIN	8715274027937

Intended use/uses and identification of the construction product	
Manufacturer	Kyocera Senco UK Ltd., 630 Europe Boulevard, Warrington WA5 7YH, UK
Intended use	Self-tapping Screws for timber structures
Unique identification code	45RH75MY
DOP No	45RH75MY
Designated standard	EN 14592:2008+A1:2012
AVCP	3
NB	2590

Declared performances		
Essential characteristics for: 45RH75MY		Performance
Characteristic yield moment	$M_{y,k}$	4300 Nmm
Characteristic withdrawal parameter	$f_{ax,k}$	12.5 N/mm <sup>2</sup>
Characteristic head pull through parameter	$f_{head,k}$	14 N/mm <sup>2</sup>
Characteristic tensile capacity	$f_{tens,k}$	7300 N
Characteristic torsional strength	$f_{tor,k}$	6 Nm
Torsional ratio	$f_{tor,k} / R_{tor,k}$	≥ 1,5
Durability against corrosion		Zinc Plated, SC 1, EN 1995-1-1

$f_{ax,k}$  en  $f_{head,k}$  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, as it has effect in England, Wales and Scotland (acc. to e Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and Construction Products (Amendment etc.) (EU Exit) Regulations 2020) 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		
Screw diameter	$d$	4.5 mm
Screw length	$L$	75 mm
Threaded/profiled length	$l_g$	50 mm
Inner threaded diameter	$d_i$	3.3 mm
Reaction to fire		A1

