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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 Netherlands, Pascallaan 88, 8218 NJ Lelystad
Intended use	Self-tapping Screws for timber structures
Unique identification code	45RH75MY
DOP No	45RH75MY
Harmonized 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, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of KYOCERA SENCO Netherlands B.V. by:

Place and date of issue: Lelystad, 17-09-2024

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