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DECLARATION OF PERFORMANCE 42KS45MY (V5)

Name	Wood to wood screw PH2, 4,2x45mm
Article number	42KS45MY
GTIN	8715274022611

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	42KS45MY
DOP No	42KS45MY
Designated standard	EN 14592:2008+A1:2012
AVCP	3
NB	1686

Declared performances		
Essential characteristics for: 42KS45MY		**Performance**
Characteristic yield moment	$M_{y,k}$	3283 Nmm
Characteristic withdrawal parameter	$f_{ax,k}$	12 N/mm²
Characteristic head pull through parameter	$f_{head,k}$	16 N/mm²
Characteristic tensile capacity	$f_{tens,k}$	4700 N
Characteristic torsional strength	$f_{tor,k}$	3.4 Nm
Torsional ratio	$f_{tor,k}$ / $R_{tor,k}$	≥1,5
Durability against corrosion		Zinc Plated, SC 1, EN 1995-1-1

fax,k en fhead,k are tested at a characteristic timber density of 350 kg/m³

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, 19-06-2026

Lars Aa. Mortensen
Technical Manager, KYOCERA SENCO EMEA

Additional information		
Screw diameter	d	4.2 mm
Head diameter	d_h	8 mm
Screw length	L	45 mm
Threaded/profiled length	l_g	29 mm
Inner threaded diameter	d_i	3.05 mm
Reaction to fire		A1