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DECLARATION OF PERFORMANCE 42R45MYN (v4)

Name	Flooring wood to wood screw 4,2x45mm
Article number	42R45MYN
GTIN	8715274251820

Intended use/uses and identification of the construction product	
Manufacturer	Kyocera Senco UK Ltd., 630 Europa Boulevard, Warrington WA5 7YH, UK
Intended use	Self-tapping Screws for timber structures
Unique identification code	42R45MYN
DOP No	42R45MYN
Designated standard	EN 14592:2008+A1:2012
AVCP	3
NB	1686

Declared performances		
Essential characteristics for: 42R45MYN		Performance
Characteristic yield moment	$M_{y,k}$	3283 Nmm
Characteristic withdrawal parameter	$f_{ax,k}$	12 N/mm ²
Characteristic head pull through parameter	$f_{head,k}$	16 N/mm ²
Characteristic tensile capacity	$f_{tens,k}$	4700 N
Characteristic torsional strength	$f_{tor,k}$	3.47 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/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,

Lars Aa. Mortensen
Technical Manager, KYOCERA SENCO EMEA

Additional information		
Screw diameter	d	4.2 mm
Head diameter	d_h	7 mm
Screw length	L	45 mm
Threaded/profiled length	l_g	30 mm
Inner threaded diameter	d_i	2.95 mm
Reaction to fire		A1