**KYOCERA SENCO Netherlands B.V.**
Pascallaan 88
8218 NJ Lelystad, The Netherlands
Tel: +31 (0)320 29 55 75
info@kyocera-senco.eu
www.kyocera-senco.eu

# 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 Netherlands, Pascallaan 88, 8218 NJ Lelystad |
| Intended use | Self-tapping Screws for timber structures |
| Unique identification code | 42KS45MY |
| DOP No | 42KS45MY |
| Harmonized 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 Netherlands B.V. by:

Place and date of issue: Lelystad, 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 |