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## DECLARATION OF PERFORMANCE 42R55MX (v4)



|                |                                      |
|----------------|--------------------------------------|
| Name           | Flooring wood to wood screw 4,2x55mm |
| Article number | 42R55MX                              |
| GTIN           | 8715274059297                        |

| 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                                       | 42R55MX  |
| DOP No   | 42R55MX  |
| Harmonized standard  | EN 14592:2008+A1:2012                                      |
| AVCP   | 3  |
| NB   | 1686   |

| Declared performances                      |                         |   |
|--|-------------------------|---|
| Essential characteristics for: 42R55MX     |                         | Performance   |
| Characteristic yield moment                | $M_{y,k}$               | 2400 Nmm  |
| Characteristic withdrawal parameter        | $f_{ax,k}$              | 12 N/mm <sup>2</sup>                                  |
| Characteristic head pull through parameter | $f_{head,k}$            | 16 N/mm <sup>2</sup>                                  |
| Characteristic tensile capacity            | $f_{tens,k}$            | 3200 N  |
| Characteristic torsional strength          | $f_{tor,k}$             | 3,47 Nm   |
| Torsional ratio                            | $f_{tor,k} / R_{tor,k}$ | ≥ 1,5   |
| Durability against corrosion               |                         | Stainless Steel A4 (CRC III), SC 1,2 & 3, 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, 05-11-2025

Lars Aa. Mortensen  
Technical Manager, KYOCERA SENCO EMEA

| Additional information   |       |         |
|--------------------------|-------|---------|
| Screw diameter           | $d$   | 4,2 mm  |
| Head diameter            | $d_h$ | 7 mm    |
| Screw length             | $L$   | 55 mm   |
| Threaded/profiled length | $l_g$ | 36 mm   |
| Inner threaded diameter  | $d_i$ | 3,15 mm |
| Reaction to fire         |       | A1      |