

DECLARATION OF PERFORMANCE

Nro. DoP-3x221x1-2026



1. Unique identification code of the product-type:	Kingi replacement screw 6,3 x L
2. Intended use/es:	Kingi replacement screw is a renovation screw designed to replace old screws and nails. It is thicker than a standard roofing screw and features a larger washer with an EPDM seal, which seals around the existing hole in the sheet metal. The replacement screw is not intended for initial fastening. It is designed to replace an old screw or nail in an existing hole when the roof battens are still in good condition. The intended use covers fastening screws and connections for both indoor and outdoor applications. It also includes connections subjected primarily to static loads, such as wind loads and dead loads. The fastening screws for metal members and sheeting are not intended for reuse.
3. Manufacturer:	Kingi Oy Ilveskaari 12 01900 NURMIJÄRVI FINLAND www.kingi.fi
4. System/s of AVCP:	AVCP system 2+
5. The European Assessment Document:	EAD 330046-02-0602
The European Technical Assessment:	ETA-25/0267
Technical Assessment Body (TAB):	Deutsches Institut für Bautechnik (DIBt), Kolonnenstraße 30 B, 10829 Berlin, GERMANY
Notified body/ies:	NB 0809 - Eurofins Expert Services Oy

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6. Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance and stability (BWR 1) - Shear Resistance of the Connection	See Table 1	EAD 330046-02-0602
Mechanical resistance and stability (BWR 1) - Tension Resistance of the Connection	See Table 1	
Safety in case of fire (BWR 2)	Performance Class A1	
Durability (Corrosion protection)	C4-H 2 paint layers with 120 µm in total	EN ISO 12944

Table 1 Mechanical resistance and stability

		Component II				
		t _{II} [mm]				Wood: class C24
		S280GD 0,5	S280GD 0,63	S350GD 0,7	S280GD 0,75	20 mm 30 mm
V _{R,k} [kN]	0,5	-	-	1,44	-	- -
	0,6	-	-	1,8	-	- -
	0,7	-	-	2,21	-	- -
N _{R,k} [kN]	0,5	0,86	1,4	1,21	1,42	1,81 2,34
	0,6	-	-	-	-	- -
	0,7	-	-	-	-	- -

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 the manufacturer by:

Place and date: Nurmijärvi 1.4.2026

Name: Paulus Hämäläinen, COO

Signature: 