

Declaration of Performance

No. LE-018

1.	<p>Unique identification code of the product type</p> <p>RT UT Decking screw (stainless steel A2/A4)</p>				
	<p>Article number see Annex 1</p>				
2.	<p>Intended use</p> <p>Fixing of wooden elements in indoor and outdoor areas</p>				
3.	<p>Manufacturer (corresponding Art. 11, pas. 5)</p> <p>REISSER-Schraubentechnik GmbH Fritz-Müller-Str. 10 74653 Ingelfingen-Criesbach Deutschland</p>				
4.	<p>Not relevant</p>				
5.	<p>System of assessment and verification of constancy of performance of the construction product as set out in Annex 2 (in accordance with 97/176/EC)</p> <p>System 3</p>				
6a	<p>Notified body</p> <p>Strojírenský zkušební ústav, s.p. Hudcova 424/56b CZ 621 00 Brno Notified Body No. 1015</p>				
	<p>Harmonized norm</p> <p>EN 14592:2008+A1:2012</p>				
	<p>Test Report</p> <p>No. 1015-CPR-30-11295/1-2</p>				
7. BWR1	<p>Mechanical resistance and stability</p>				
	<p>Characteristic yield moment $M_{y,k}$ [Nm]</p> <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td>A2 Thread major diameter 5,0 mm =</td> <td style="text-align: right;">4,7 Nm</td> </tr> <tr> <td>A4 Thread major diameter 5,0 mm =</td> <td style="text-align: right;">5,4 Nm</td> </tr> </table>	A2 Thread major diameter 5,0 mm =	4,7 Nm	A4 Thread major diameter 5,0 mm =	5,4 Nm
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A4 Thread major diameter 5,0 mm =	5,4 Nm				
	<p>Bending angle $(45/d^{0,7}+20)$</p> <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td>Thread major diameter 5,0 mm \geq</td> <td style="text-align: right;">34,6°</td> </tr> </table>	Thread major diameter 5,0 mm \geq	34,6°		
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	<p>Characteristic withdrawal parameter $f_{ax,k}$ [N/mm²]</p> <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td>90° to the grain: Thread major diameter 5,0 mm =</td> <td style="text-align: right;">15,5 N/mm²</td> </tr> <tr> <td>0° to the grain: Thread major diameter 5,0 mm =</td> <td style="text-align: right;">12,9 N/mm²</td> </tr> </table>	90° to the grain: Thread major diameter 5,0 mm =	15,5 N/mm²	0° to the grain: Thread major diameter 5,0 mm =	12,9 N/mm²
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	<p>Characteristic head pull-through parameter $f_{head,k}$ [N/mm²]</p> <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td>Thread major diameter 5,0 mm =</td> <td style="text-align: right;">24,9 N/mm²</td> </tr> </table>	Thread major diameter 5,0 mm =	24,9 N/mm²		
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	<p>Characteristic tensile strength $f_{tens,k}$ [kN]</p> <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td>Thread major diameter 5,0 mm =</td> <td style="text-align: right;">5,5 kN</td> </tr> </table>	Thread major diameter 5,0 mm =	5,5 kN		
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	Characteristic torsional moment $f_{tor,k}$ [Nm]	
	Thread major diameter 5,0 mm =	4,4 Nm
	Characteristic torsional ratio $f_{tor,k}/R_{tor,k}$ density of wood 450kg/m ³	
	Thread major diameter 5,0 mm =	2,4
BWR 2	Reaction to fire	
	Class A1, acc. EN 13501-1:2007+A1:2009	
BWR 3 - 7	Safety and barrier-free while usage	
	NPD	

The performance of the in Annex 1 named products is in conformity with the declared performance and complied with the regulation (EU) Nr. 305/2011

Signed for and on behalf of the manufacturer by:

Criesbach, March 22, 2022

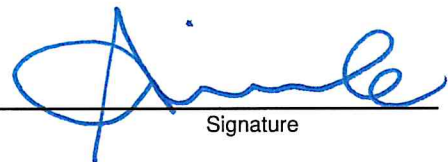
Place/Date

Alexander Kimmerle

Name

CEO

Position



Signature

Manfred Heber

Name

Product Management

Position



Signature

This Declaration of Performance is issued in accordance with Annex III of the Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing and of construction products and repealing Council Directive 89/106/EEC.

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Annex 1

Type, batch or serial number allowing identification of the construction product

RT UT Decking screw (stainless steel A2/A4)

article number	diameter	length
90LR06 - - - - - 050050 - - - - -	5,0 mm	50 mm
90LR06 - - - - - 050060 - - - - -	5,0 mm	60 mm
90LR06 - - - - - 050070 - - - - -	5,0 mm	70 mm
90LR06 - - - - - 050080 - - - - -	5,0 mm	80 mm