



# Declaration of Performance

No. 011CPR2016-08-29

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|---|--|
| 1. Product-type:                        | Steel straps   |
| 2. Identification:                      | 40x2,0; 60x2,0   |
| 3. Intended use:                        | Two-dimensional nailing plates (nailing plates for wood to wood connections)               |
| 4. Manufacturer:                        | Arras Construction Furniture OÜ<br>Veerme 23<br>11625, Tallinn<br>Estonia                  |
| 5. System of assessment of performance: | System 2+  |
| 6. Harmonized standard:                 | EN 14545:2008  |
| Testing report:                         | No: VTT-O-158772-14  |
| 7. Notified body:                       | Inspecta Estonia OÜ<br>Identification No: 1336<br>Teaduspargi 8, 12618<br>Tallinn, Estonia |
| Factory Production Control (FPC):       | 1336-CPR-0157  |

8. Declared performances

Essential characteristics	Performance	European Technical Assessment
<b>Material</b>	DX51D+ZN	EN 10346:2009
<b>Mechanical resistance and stability</b>		
Minimum tension strength $R_m - N/mm^2$	270-500	EN 10346:2009
Minimum yield strength $R_{p,0.2} - N/mm^2$	-	EN 10346:2009
Minimum elongation $A_{80mm} - N/mm^2$	22%	EN 10346:2009
<b>Dimensions and tolerances</b>		
Thickness	1,0-2,0mm	EN 10143:2006
Length, width	-1mm / +2mm; -1% / +2%	EN 14545:2008
Hole diameter	$\pm 0,2mm$	EN 14545:2008
Hole spacing	$\pm 0,5mm$	EN 14545:2008
<b>Corrosion protection</b>	Hot-dip zinc coating Z275	EN 14545:2008
<b>Durability</b>	Service class 2	EN 1995-1-1

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on behalf of the manufacturer by:

Authorized by: **Lauri Kivi**  
Position: **Quality Manager**

Signature:



Date: **11.09.2019 (Tallinn)**