



**MX HIGH PERFORMANCE
WOODSCREWS**



DECLARATION OF PERFORMANCE



We hereby declare the following designated products

Maxitek MX High Performance Woodscrews

Diameter 3.0mm, 3.5mm, 4.0mm, 4.5mm, 5.0mm, 6.0mm.

Have been tested by the following independent testing organisation:

Strojirensky Zkusebni Ustav, s.p., Czech Republic

(Engineering Test Institute, Public Enterprise)

Product certification body

Hudcova 424/56b, 621 00 Brno, Czech Republic

Maxitek MX High Performance Woodscrews have been subject to assessment of performance in accordance with point 1.4.(b) System 3 Annex V or Regulation (EU) No 305/2011 of the European Parliament and the Council of 9 March 2011 (the Construction products Regulation or CPR), and has determined the performance of essential characteristics of the construction product.

Product certification scheme applied: ČSN EN ISO/IEC 17067:2014 scheme type 1a.

Product	Characteristic yield moment $M_{y,k}$ (Nmm)		Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²)		Characteristic head pull-through parameter $f_{head,k}$ (N/mm ²)	Characteristic tensile capacity $f_{tens,k}$ (kN)	Characteristic torsional ratio	Certificate Number
			perpendicular to grain	parallel to grain				
-	-				-	-	-	
Characteristic density of wood ρ_k (Kg/m ³)	-		350		350	-	450	
MX Woodscrew Passivated / Zinc Plated Ø3.0mm	2 003		17,50	13,84	27,97	4,21	6,46	CPR-J-01746-19
MX Woodscrew Passivated / Zinc Plated Ø3.5mm	3 729		16,75	13,65	26,09	5,02	3,80	CPR-J-01747-19
MX Woodscrew Passivated / Zinc Plated Ø4.0mm	4 849		16,61	13,00	24,64	6,08	3,24	CPR-J-01748-19
MX Woodscrew Passivated / Zinc Plated Ø4.5mm	7 168		16,08	12,97	23,45	8,11	4,54	CPR-J-01749-19
Section	Thread	Smooth						
MX Woodscrew Passivated / Zinc Plated Ø5.0mm	9 274	13 514	15,78	11,88	22,04	10,19	4,27	CPR-J-01750-19
MX Woodscrew Passivated / Zinc Plated Ø6.0mm	15 452	22 560	15,66	11,64	21,25	13,32	3,13	CPR-J-01751-19
Durability - all tested products (corrosion protection)	zinc or yellow zinc plated, (5 to 8)µm (Service Class 1 and 2 acc. EN 1995-1-1)							

Facsimiles of original certificates are available for inspection upon request.