

DECLARATION OF PERFORMANCE

T_4810_0573

ITEM NO. 4810

Declaration of performance in accordance with EU Construction Product Regulation 305/2011	
Applicable harmonised standard	EN 1090-1
Description as per standard	C/50/97/50
Protektor product description	C-Träger-/Wandprofil 97-50-20
Product area	21

Identification using product data printed onto products / packaging / documents

EN 1090-1 – Execution of steel structures and aluminum structures - Part 1: Requirements for conformity assessment of structural components

Protektorwerk Florenz Maisch GmbH & Co. KG
8000028

ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE

Performance	System	Notified body	Classification report
cold-formed members for constructive use in all kind of construction	2+	NB 0769 - Karlsruher Institut für Technologie (KIT), Versuchsanstalt für Stahl, Holz und Steine	Erstinspektion der Werkseigenen Produktionskontrollen vorgenommen und eine Konformitätsbescheinigung für die werkseigene Produktionskontrolle 0769-CPR-VAS-00436-1

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Performance to be declared

Essential characteristics	Performance	Harmonised technical specification
geometrical tolerance	EN 1090-2 Dicke: 1/2 Normalminustoleranz nach EN 10143, Tab. 1 Dicke: 1/2 Normalplustoleranz nach EN 10143, Tab. 1	EN 1090-1
Weldability	S320GD+Z275 nach EN 10346	EN 1090-1
Fracture toughness	NPD	EN 1090-1
Impact strength	NPD	EN 1090-1
Load bearing capacity	NPD	EN 1090-1
Deformation (SLS)	NPD	EN 1090-1
Fatigue strength	NPD	EN 1090-1
Resistance to fire	NPD	EN 1090-1
measurement	NPD	EN 1090-1
production	Nach der Bauteilspezifikation	EN 1090-1
execution class	EXC2	EN 1090-1
Reaction to fire (R2F)	A1	EN 1090-1
Release of cadmium and cadmium compounds	NPD	EN 1090-1
Emission of radioactivity	NPD	EN 1090-1
Durability	schmelztauchveredelt Z 275 nach EN 10346	EN 1090-1

The manufacturer has carried out initial type testing (ITT) as required by Execution of steel structures and aluminum structures - Part 1: Requirements for conformity assessment of structural components. The product undergoes a factory production control (FPC) which complies with the requirements of EN 1090-1 - Execution of steel structures and aluminum structures - Part 1: Requirements for conformity assessment of structural components.

The performance of the product which is referred to in this performance declaration represents the performance to be declared. The manufacturer named in this declaration of performance is solely responsible for preparing this declaration of performance



Dr. Christof Maisch | CEO, Managing Partner

Gaggenau, on 20.10.2014

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