

DECLARATION OF PERFORMANCE

U-beam profile
197-40-15
Item 4419 | No. T_5384



Declaration of performance in accordance with EU Construction Product Regulation 305/2011	
Applicable designated standard	EN 1090-1
Designation according to standard	C 40/197/40
Protektor product name	U-beam profile
Product area	21

Identification using product data printed onto products / packaging / documents

EN 1090-1 Execution of steel structures and aluminum structures - Part 1: Verification of compliance of structural components
Protektorwerk Florenz Maisch GmbH & Co. KG
8000028

Assessment and Verification of Constancy of Performance

Performance	System	Approved body	Classification report
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Performance to be declared

Essential characteristics	Performance	Designated technical standard
Reaction to fire (R2F)	A1	EN 1090-1
Load bearing capacity		EN 1090-1
Weldability		EN 1090-1
Fracture toughness	NPD	EN 1090-1
Impact resistance	NPD	EN 1090-1
Fatigue strength	NPD	EN 1090-1
Distortion (SLS)	NPD	EN 1090-1
Fire resistance	NPD	EN 1090-1
Release of cadmium and cadmium compounds	NPD	EN 1090-1
Radioactive radiation emission	NPD	EN 1090-1

The manufacturer has carried out initial type testing (ITT) as required by Execution of steel structures and aluminum structures - Part 1: Verification of compliance 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: Verification of compliance 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".
Signed for the manufacturer and on behalf of the manufacturer by:

Dr. Christof Maisch | CEO, Managing Partner
Gaggenau, on 04.07.2024