

DECLARATION OF PERFORMANCE T_4810_15211

C-beam/wall profile

97-50-20

Item 4810



Declaration of performance in accordance with EU Construction Product Regulation 305/2011

Applicable designated standard	EN 1090-1
Designation according to standard	C 50/97/50
Protektor product name	C-beam/wall profile
Product area	21

Identification using product data printed onto products / packaging / documents

EN 1090-1

Protektorwerk Florenz Maisch GmbH & Co. KG

8000028

Assessment and Verification of Constancy of Performance

Performance	System	Approved body	Classification report
Kaltverformte Profile für tragende Zwecke in allen Arten von Bauwerken.	2+	NB 0769 - Karlsruher Institut für Technologie (KIT), Versuchsanstalt für Stahl, Holz und Steine	

Performance to be declared

Essential characteristics	Performance	Designated technical standard
Load bearing capacity	NPD	EN 1090-1
Weldability		EN 1090-1
Fracture toughness		EN 1090-1
Impact resistance		EN 1090-1
Fatigue strength		EN 1090-1
Distortion (SLS)		EN 1090-1
Reaction to fire (R2F)	A1	EN 1090-1
Fire resistance		EN 1090-1
Release of cadmium and cadmium compounds		EN 1090-1
Radioactive radiation emission		EN 1090-1
Geometric tolerances		EN 1090-1
Durability	ZM310 n. EN10346 + DIN55634-1	EN 1090-1
Dimensioning		EN 1090-1
Manufacture		EN 1090-1
Execution class		EN 1090-1

The manufacturer has carried out initial type testing (ITT) as required by . The product undergoes a factory production control (FPC) which complies with the requirements of EN 1090-1 - .

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:

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Dr. Christof Maisch | CEO, Managing Partner
Gaggenau, on 04.09.2026