

DECLARATION OF PERFORMANCE

T_4710_0571

ITEM NO. 4710

| 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 97-50-15 |
| 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 |

PROTEKTORWERK
Florenz Maisch GmbH & Co. KG
Postfach 1420, D-76554 Gaggenau
Viktoriastr. 58, D-76571 Gaggenau

Tel.: +49 7225 977 - 0
Fax: +49 7225 9 77 - 111
info@protektor.com
www.protektor.com



DECLARATION OF PERFORMANCE

T_4710_0571

ITEM NO. 4710

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

PROTEKTORWERK
Florenz Maisch GmbH & Co. KG
Postfach 1420, D-76554 Gaggenau
Viktoriastr. 58, D-76571 Gaggenau

Tel.: +49 7225 977 - 0
Fax: +49 7225 9 77 - 111
info@protektor.com
www.protektor.com

