

DECLARATION OF PERFORMANCE

HALFEN HW / HWX / HWY / HWZ Steel lintels

CONF-DOP_HW 06/13-E

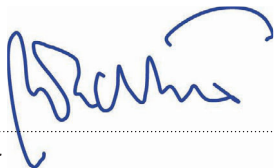
No. H16-845-2

1.	Unique identification code of the product-type	HALFEN HW / HWX / HWY / HWZ Steel lintels
2.	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	HALFEN HW / HWX / HWY / HWZ Steel lintels
3.	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	
	Generic type and use	HALFEN HW / HWX / HWY / HWZ Steel lintels
	Product size covered	-
	Material & corresponding use	<ul style="list-style-type: none"> Stainless steel 1.4401 / 1.4404 / 1.4571 according to DIN EN 10088-2 Stainless steel 1.4301 / 1.4307 according to DIN EN 10088-2 Steel S235 according to DIN EN 10025-2 with zinc coat Steel S355 according to DIN EN 10025-2 with zinc coat
	Loading	Static and quasi static loading
4.	Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	HALFEN GmbH, Liebigstraße 14, 40764 Langenfeld, Germany
5.	Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2)	-
6.	System or systems of assessment and verification of consistency of performance of the construction product as set out in Annex V	System 3
7.	In case the declaration of performance is for a construction product covered by a harmonised standard	<p>The notified testing laboratory LGA Bautechnik GmbH, Tillystraße 2, Nürnberg (0780) performed under system 3</p> <ul style="list-style-type: none"> determination of the product-type (based on samples tested by the manufacturer), tabulated values or descriptive documentation of the product and issued test reports no. 69613689/01 and 69613689/02
8.	In case the declaration of performance is for a construction product for which a European Technical Assessment has been issued	-

Declared performance			
Essential characteristics	Performance	Harmonised technical specification	
Service load	according to HALFEN HW Software	DIN EN 845-2:2003	
Deflection	< l / 200 at service load according to HALFEN HW Software		
Water absorption	w = 0 kg/(m ² *h ^{0,5})		
Fiber coarseness	according to HALFEN HW Software		
9. Thermal conductivity	<ul style="list-style-type: none"> λ = 17 W/(m × K) (Stainless steel) λ = 50 W/(m × K) (Steel) 		
Fire resistance	NDP		
Durability (corrosion)	<ul style="list-style-type: none"> Stainless steel: material/coating reference L3 Steel: material/coating reference L11 		
Durability (frost)	Frost resistant		
Dangerous substances	NDP		
Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies			
10.	The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.		
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.			

Langenfeld, 12.06.2013

Signed for and on behalf of the manufacturer by



Richard Wachter
(Managing Director)



ppa. Dr.-Ing. Dirk Albartus
(Manager Engineering)