

DECLARATION OF PERFORMANCE
HALFEN HK5 brickwork support brackets

CONF-DOP_HK5 02/17-E
No. H15-845-1/3-E

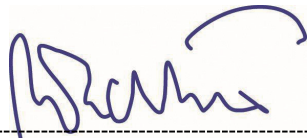
1.	Unique identification code of the product-type	HALFEN HK5 Brickwork support brackets in combination with HALFEN bracket head			
2.	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	HALFEN HK5 Brickwork support brackets in combination with HALFEN bracket head			
3.	Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:				
	Generic type and use	HALFEN HK5 Brickwork support brackets in combination with HALFEN bracket head			
	Product size covered	-			
	Base material / base material strength	Concrete \geq 20/25 according to EN 206-1			
	Material & corresponding use	HALFEN HK5: <ul style="list-style-type: none"> Stainless steel 1.4062 / 1.4162 / 1.4362 / 1.4404 / 1.4571 acc. to EN 10088-2 for medium corrosion exposure 			
	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, Deutschland			
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 constancy of performance of the construction product as set out in Annex V	System 3 acc. to EN 845-1-2013			
7.	In case of the declaration of performance concerning a construction product covered by a harmonised standard	The notified testing laboratory ITB Warsaw ul. Filtrowa 1, 00-611 Warsaw (European Notified Body No. 1488) performed the initial testing under system 3 and issued a test report No. LZK00-06024/16/R31NZK			
8.	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued	-			
9.	Declared performance				
	Type	Essential Characteristics	Performance	Harmonized Technical Specification	
	4,0	Service load (char.)		4000 N	EN 845-1:2013
		Displacement at 1/3 of the tension load		< 2 mm at 1/3 of the service load	
		Durability		Material /coating reference 1 or 23	
		Dangerous substances		NPD	
8,0	Service load (char.)		8000 N		
	Displacement at 1/3 of the tension load		< 2 mm at 1/3 of the service load		

12,0	Durability	Material /coating reference 1 or 23	EN 845-1:2013
	Dangerous substances	NPD	
	Service load (char.)	12000 N	
	Displacement at 1/3 of the tension load	< 2 mm at 1/3 of the service load	
	Durability	Material /coating reference 1 or 23	
	Dangerous substances	NPD	
Where pursuant to Article 37 or 38 in 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, 24.02.2017

Signed for and on behalf of the manufacturer by



Richard Wachter
(Managing Director)



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