

DECLARATION OF PERFORMANCE
HALFEN HLX Lift-Box

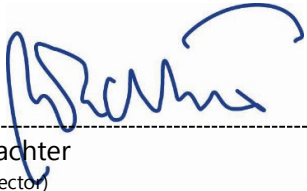
CONF-DOP_HLX 07/19-E
Nr. H72-17/0488

1.	Unique identification code of the product-type	HALFEN HLX Lift-Box
2.	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	HALFEN HLX Lift-Box Siehe ETA-17/0488
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	Elevator lifting device used as anchorage point during installation and maintenance
	Product size covered (anchor channels and corresponding screws)	HLX 15 loop, HLX 20 loop, HLX 20 link, HLX 40 link
	For use in	normal concrete with strength class C25/30 up to C50/60
	Materials and intended use	see ETA-17/0488 Annex A2
	Loading	see ETA-17/0488 Annex C1
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 constancy of performance of the construction product as set out in Annex V	System 2+
7.	In case of the declaration of performance concerning a construction product covered by a harmonised standard	-
8.	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued	The Deutsches Institut für Bautechnik (DIBt) issued the ETA-17/0488 based on EAD 330075-01-0601, Version October 2018. The notified inspection and certification body 0432 performed under system 2+ (i) initial inspection of the manufacturing plant and of factory production control (ii) regular inspection, assessment and approval of factory production control; and issued the EC-Certificate of Factory Production Control 0432-CPR-00597-01

9.	Declared performance			
	Essential Characteristics		Performance	
	Safety in case of fire (BWR 2)		Class A1	
	Minimum edge distances and spacing (BWR 4)		see ETA-17/0488 Annex C1	
	Load bearing capacity (BWR 4)			
	Type	Load step	Design capacity F_{RD}	Characteristic capacity F_{RK}
	HLX15 Lo	1,5	$F_{RD}=14,8$ kN	$F_{RK}=59,2$ kN
	HLX20 Lo	2,0	$F_{RD}=19,7$ kN	$F_{RK}=78,8$ kN
	HLX20 Li	2,0	$F_{RD}=19,7$ kN	$F_{RK}=78,8$ kN
	HLX40 Li	4,0	$F_{RD}=39,3$ kN	$F_{RK}=157,2$ kN
	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, 19.07.2019

Signed for and on behalf of the manufacturer by



Richard Wachter
(Managing Director)



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