

DECLARATION OF PERFORMANCE

HALFEN FPA Façade Panel Anchor

CONF-DOP_FPA 02/16

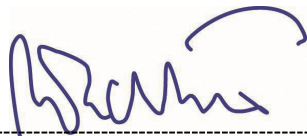
Nr. H26-1090 1/2

1.	Unique identification code of the product-type	HALFEN Façade Panel Anchor System FPA
2.	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	Identifying mark of the producer: HALFEN Type code and Product type: see stamping on the product
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	Anchor to fix a reinforced concrete façade panel to a concrete or steel structural frame
	Product size covered	FPA-3/-5: 5,0/ 8,0/ 11,5/ 16,0/ 22,0/ 34,0/ 46,0/ 56,0 FPA-5Z/-5AZ: 5,0/ 8,0/ 11,5/ 16,0/ 22,0/ 34,0/ 46,0/ 56,0 FPA-5A: 5,0/ 8,0/ 11,5/ 16,0/ 22,0/ 34,0 DS3: M10/ M12/ M16/ M20/ M24/ M27/ M30
	For use in	Concrete \geq C25/30 acc. to EN 206 (façade panel, sizes 5,0-16,0) Concrete \geq C30/37 acc. to EN 206 (façade panel, sizes 22,0-56,0) Concrete \geq C20/25 acc. to EN 206 (cast-in part FPA-3)
	Material and scope of application	See German national approval Z-21.8-1910
	Loading	Predominantly static loading due to vertical dead load forces V_{Ed}
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)	Not applicable
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	The notified body NB-No. 2451 has performed in matters of factory production: <ul style="list-style-type: none"> initial inspection of the manufacturing plant and factory production control, continuous surveillance, assessment and evaluation of factory production control according to System 2+ and issued the following: <ul style="list-style-type: none"> Certificate 2451-CPR-EN1090-2015.0327.001 (Halfen Produkcja, Nowe Skalmierzyce, Poland). The notified body NB-No. 2499 has performed in matters of structural design work: <ul style="list-style-type: none"> inspection and evaluation of the relevant equipment, competence of personnel and resources, assessment of procedure for structural design including control procedures according to System 2+ and issued the following: <ul style="list-style-type: none"> Certificate of conformity 2499-CPR-0113070-00-02 (Plant Langenfeld, Germany).
8.	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued	Not applicable, see point 7

9.	Declared performance		Harmonized Technical Specification EN 1090-1:2009+A1:2011
	Essential Characteristics	Performance	
	Tolerances on dimensions	According to the component specification and EN 1090-2	
	Weldability	NPD	
	Fracture toughness	NPD	
	Reaction to fire	Euroclass A1 according to EN 13501-1	
	Release of cadmium and its compounds	NPD	
	Emission of radioactivity	NPD	
	Durability	Stainless steel according to point 3.	
	Load bearing capacity	Design acc. to DIN 18800-1: 2008 + Z-30.3-6: 2014, see German national approval Z-21.8-1910	
	Fatigue strength	NPD	
	Resistance to fire	NPD	
	Manufacturing	According to the component specification and EN 1090-2, execution class EXC2	
	Where pursuant to Article 37 or 38 in the Specific Technical Documentation has been used, the requirements with which the product complies	Not applicable	
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, 01.02.2016

Signed for and on behalf of the manufacturer by



Richard Wachter
(Managing Director)



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