

DECLARATION OF PERFORMANCE
HALFEN SPA Sandwich Panel Anchor

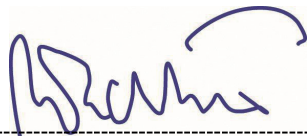
CONF-DOP_SPA 06/15-E
Nr. H27-1090 1/1

1.	Unique identification code of the product-type	HALFEN Sandwich Panel Anchor SPA
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 or H Type code and Product type: see adhesive label
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	Connecting anchor between facing and load bearing layer of a three- or four-layer precast façade element.
	Product size covered	SPA-1: 05/ 07/ 08/ 09/ 10 SPA-2: 05/ 07/ 08/ 09/ 10 SPA-A: 03/ 04/ 05 SPA-B: 03/ 04/ 05 SPA-N: 03/ 04/ 05/ 06
	For use in	Concrete \geq C30/37 according to EN 206
	Material and scope of application	See German national approval Z-21.8-1926
	Loading	Static and quasi static loads
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. 2273 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 2273 – CPR - 0040 (Ancon Building Products, Sheffield, UK). 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			
	Essential Characteristics	Performance	Harmonized Technical Specification	
	Tolerances on dimensions	According to the component specification and EN 1090-2	EN 1090-1:2009+A1:2011	
	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-21.8-1926		
	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, 19.06.2015

Signed for and on behalf of the manufacturer by



Richard Wachter
(Managing Director)



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