

DECLARATION OF PERFORMANCE

CONF-DOP_SPA-03-24

No. H27-1090/1

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 (anchor channels and corresponding screws)	SPA-1: 05/ 07/ 09/ 10 SPA-2: 05/ 07/ 09/ 10 SPA-FLEX: 04/ 05/ 07 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
	Anchor material / Screw material and intended use	Stainless steel in CRC III (see German national approval Z-21.8-1926) or CRC II according to EN 1993-1-4, table A.3
	Loading	Static and quasi static loads
4.	Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5)	Leviat 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	The notified body NB-No. 2451 has performed in matters of factory production: • 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: • 2451-CPR-EN1090-2013.0316.005 (Werk Artern, Deutschland). The notified body NB-No. 2499 has performed in matters of structural design work: • 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: • Certificate of conformity 2499-CPR-0113070-00-06 (Plant Langenfeld, Germany).
8.	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued	-

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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:		
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, 14.03.2024

Signed for and on behalf of the manufacturer by



Stephan Bauerdick
(Operations Director | Central Operations)



Dr. Ing. Dirk Albartus
(Prokurist)