

# DECLARATION OF PERFORMANCE

**DoP\_Halfen\_HPF\_2025-10**

No. H26-1090-1/4

1.	Unique identification code of the product-type	<b>HPF Halfen Precast Fixing</b>
2.	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	<b>Identifying mark of the producer: HALFEN or H</b>
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	HPF Halfen Precast Fixing to fix concrete precast elements to concrete substructures
	Product size covered	-
	For use in	Concrete $\geq$ C20/25 acc. to EN 206-1
	Anchor material / Screw material and intended use	<p><b>HPF-HDG</b> - steel 1.0038 S235JR / 1.0577 S355J2 acc. to DIN EN 10025-2, hot-dip galvanized acc. to DIN EN ISO 1461</p> <p><b>HPF-FVP1</b> - steel 1.0038 S235JR / 1.0577 S355J2 acc. to DIN EN 10025-2, hot-dip galvanized acc. to DIN EN ISO 1461 plus one layer of powder coating for corrosivity categories C1 till C3</p> <p><b>HPF-FVP2</b> - steel 1.0038 S235JR / 1.0577 S355J2 acc. to DIN EN 10025-2, hot-dip galvanized acc. to DIN EN ISO 1461 plus two layers of powder coating for corrosivity categories C1 till C4</p> <p><b>HPF-L4</b> - Stainless steel 1.4062/ 1.4162/ 1.4362 acc. to EN 10088-2 for medium corrosion resistance (corrosion resistance class III)</p>
	Loading	Static and quasi-static loading
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	<p>The notified body NB-No. 2451 has performed under system 2+ in matters of factory production:</p> <ul style="list-style-type: none"> <li>• initial inspection of the manufacturing plant and factory production control,</li> <li>• continuous surveillance, assessment and evaluation of factory production control</li> </ul> <p>and issued the following certificates:</p> <ul style="list-style-type: none"> <li>- Certificate of conformity 2451-CPR-EN1090-2015.0327.xxx</li> <li>- The welding certificate DVS ZERT-EN1090-2-SZ-2023.0023.xxx (Plant Poland).</li> </ul>

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8.	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued	-	
9.	Declared performance		
	Essential Characteristics	Performance	Harmonized Technical Specification
	Tolerances on dimensions	According to the component specification and EN 1090-2	EN 1090-1:2012
	Weldability	NPD	
	Fracture toughness	NPD	
	Reaction to fire	Euro class A1 according to EN 13501-1	
	Release of cadmium and its compounds	NPD	
	Emission of radioactivity	NPD	
	Durability	<b>HPF-HDG</b> - hot-dip galvanized acc. to DIN EN ISO 1461 (see point 3) <b>HPF-FVP1 / FVP2</b> - hot-dip galvanized acc. to DIN EN ISO 1461 plus coating acc. to EN 15773 (see point 3) <b>HPF-L4</b> - Stainless steel (see point 3)	
	Design	According to EN 1993-1-1:2010 and EN 1993-1-4:2015	
	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.			

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Langenfeld, 31.10.2025

Signed for and on behalf of the manufacturer by



Joachim Liehr  
(Managing Director)



Dr. Ing. Dirk Albartus  
(Prokurist)