



Manufacturing Plant **PFEIFER Steel Production Poland Sp. z o.o.**
Wroclawska 68
55-330 Krępiec

hereby declares that the following product of construction product with the:

Product code **SLAB HANGER PFEIFER BHRW H-150-L;**

Note: „H” is the height of the element.
„L” is the length of the element.

complies with the provisions of the following EC Directives:

REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT
AND OF THE COUNCIL of 9 March 2011

laying down harmonised conditions for the marketing of construction products and repealing
Council Directive 89/106/EEC

Basic characteristics	Performance / Classification
Tolerances on geometrical data	PN-EN 13920, PN-EN ISO 2768; PN EN ISO 9013
Weldability	S460 N acc. PN-EN 10025-3; S355J2+N acc. PN-EN 10025-2; S235J2+C470 acc. to PN-EN ISO 13918 (for Shear Connectors only)
Fracture toughness	$\geq 27 \text{ J } (-20^{\circ} \text{ C})$
Execution class	EXC 2 acc. to EN 1090-2
Fatigue strength	No Performance Determined
Load bearing capacity	the maximum variable load on the slab plate based on the hanger (characteristic value): BHRW 20-150-L.: 5 [kN/m ²]; BHRW 25-150-L.: 6,5 [kN/m ²]; BHRW 27-150-L.: 7,5 [kN/m ²]; BHRW 32-150-L.: 10 [kN/m ²]; BHRW 40-150-L.: 15 [kN/m ²]; BHRW 45-150-L.: 15 [kN/m ²]; BHRW 50-150-L.: 15 [kN/m ²];
Resistance to fire	R60 (60 minutes)
Reaction to fire	Steel Product, material classified: Class A1 (acc. to PN-EN 13501)
Release of Cadmium	No Performance Determined

Emission of radioactivity	<i>No Performance Determined</i>
Durability	<i>Preparation grade P2 (acc. PN-EN ISO 8501-3). Surface painted according to EN ISO 12944-5: Class C2</i>
Manufacturing	<i>Reference to the drawings: PFEIFER BHRW H-150-119 Note: „H” is the height of the element.</i>
Declaration of the performance of the essential characteristics of the construction product	<i>System 2+</i>

Intended use \ Product description:

Slab hangers are designed to provide precast concrete slab channel supports where the continuity of the slabs is interrupted (for example: at the edges of technological openings).

Certificate according to EN 1090 regarding the conformity of factory production controls:

Name of the recognized certification body:	<i>DVS ZERT GmbH Aachener Straße 172 D-40223 Düsseldorf</i>
Notified body No:	<i>2451</i>
Cert No:	<i>2451-CPR-EN1090-2017.0309.002</i>

On behalf of manufacturer:

*Artur Rapacz
Plant Director*

*PFEIFER Steel Production Poland Sp. z o.o.
Krępiec, 18.03.2019*



Artur Rapacz