

Declaration of performance no 400/FS/03-2021



1. Unique identifying code of the product:

PFEIFER FS-Box LIGHT

2. Intended use:

Cast-in element made of steel with integrated, flexible wire-loops for load-transferring connections of precast and in-situ concrete elements made of normal weight concrete without fibres of a strength class C25/30 up to max. C50/60 and a size grain 16 mm. Developed for transferring tensile loads and transverse loads parallel and perpendicular to the joint. (ETA-20/0785, Annex B1)

Product types:	<i>FS-Box LIGHT</i>
Product versions:	<i>FS-Box LIGHT</i>
Product sizes:	<i>FS-Box LIGHT</i>
Material properties and components:	<i>Steel, plastic</i>
Definition of loading:	<i>Static and quasi-static loading</i>

3. Manufacturer:

*PFEIFER Seil- und Hebeteknik GmbH
Dr.-Karl-Lenz-Straße 66
D-87700 Memmingen, Germany*

4. Representative:

5. System of assessment and verification of constancy of performance:

System 1

6. European Assessment Document:

EAD 332589-00-0601

European Technical Assessment:

ETA-20/0785, 09. December 2020

Technical Assessment Body:

Deutsches Institut für Bautechnik (DIBt), Berlin

Notified Body:

Identification Number 0672

7. Performance:

Essential Characteristic	Performance of product
Characteristic resistances under tension load for static und quasi-static loads	ETA-20/0785 Annex C1, Table C1
Characteristic resistances under shear load perpendicular to the joint (shear load 90°) for static und quasi-static loads	ETA-20/0785 Annex C2, Table C2
Characteristic resistances under shear load in direction of the joint (shear load 0°) for static und quasi-static loads	ETA-20/0785 Annex C3, Table C3

8. General and/or specific technical documentation:

<https://www.pfeifer.info>

The performance of the product corresponds to the declared performance. The manufacturer exclusively is responsible for this declaration of performance in accordance with Regulation (EU) No 305/2011.

Signed for and in the name of the manufacturer:

Dipl.-Ing. Matthias Kintscher
Head of Division, Business Division Connecting and Lifting Systems

Memmingen, March 04th, 2021



Dipl.-Ing. Christoph Neef
Head of Engineering, Business Division Connecting and Lifting Systems

Memmingen, March 04th, 2021

