

PENTAFLEX®

**1. Unique identification code of the product-type:**

PENTAFLEX® KB, PENTAFLEX® FTS, PENTAFLEX® OBS, PENTAFLEX® ABS

2. Generic type and use

Water stop to seal joints in constructions made of concrete with high resistance to water against the penetration of pressing and un-pressing water and to soil moisture. Categories:

- a) Construction joints: PENTAFLEX® KB, PENTAFLEX® ABS
- b) Controlled crack joint for the use in pre-cast elements made of concrete: PENTAFLEX® FTS
- c) Controlled crack joint for the use in in-situ concrete: PENTAFLEX® OBS

3. Trade Mark / Manufacturer:

PENTAFLEX®

PohlCon GmbH, Nobelstraße 51, 12057 Berlin, Germany

4. System(s) for assessing and verifying constancy of performance:

System 3

5. Technical Assessment**European Assessment Document:**

EAD 320002-00-0605

European Technical Assessment:

ETA-15/0003, Date: 13.01.2015

Technical Assessment Body:

Deutsches Institut für Bautechnik (DIBt), Kolonnenstr. 30B, 10829 Berlin

Notified body:

Materialprüfanstalt für das Bauwesen, Beethovenstr. 52, 38106 Braunschweig

6. Declared performance

Essential characteristics	Performance
Use category related to BWR 3	S/W 2
Reaction to fire acc. to EN 13501-1	Class E
Content and/or releases of dangerous substances	The product does not contain or release dangerous substances according to EOTA TR 034 (May 2014)
Watertightness in end use condition	h=167mm up to 20m; h=80mm up to 10m
Bondstrength at the state of delivery	> 0.8 N/mm ²
Bondstrength after heat aging	< 20%
Volatile compounds	< 3%

The performance of the product identified in point 1 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer. Signed for and on behalf of the manufacturer by:



Berlin 01.11.2024

Björn Wingerter Head of engineering and product development, shell construction / facade

*) [Further information](https://pohlcon.com/en/products/sealing/joint-sheets) pohlcon.com/en/products/sealing/joint-sheets