

# DECLARATION OF PERFORMANCE

## DoP No. 158-02 BK-AnchorFix

Anchoring mass

1. Name and/or type designation of the construction product

**BK- AnchorFix**

2. Type, batch or serial number or some other element that enables the identification of the construction product:

**Stamped on the packaging.**

3. Intended use or uses of the construction product in accordance with the appropriate technical specification or technical regulation:

**Two-component quick-setting mass based on polyester resins without styrene for internal and external use intended for anchoring in masonry.**



### Specification of intended purpose

#### Anchoring:

- Static or quasi-static loading.

#### Substrate:

- Masonry with solid brick (category B), according to attachment B2.
- Masonry with hollow brick (category C), according to attachment B2.
- Masonry mortar must be at least strength class M2.5 according to EN 998-2:2010.
- For other bricks in a solid wall and hollow or perforated walls, the characteristic bearing capacity of the anchor can be determined according to ETAG 029, appendix B, taking into account the  $\beta$ -factor from appendix C 2, table C4.

#### Temperature range:

- -40 °C to +40 °C ( maximum short-term temperature +40 °C and maximum long-term temperature +24 °C)

#### Application conditions (environmental conditions)

- Dry and wet construction (taking injection mortar into account).
- Construction works exposed to dry conditions indoors (galvanized steel, stainless steel).
- Construction works exposed to external atmospheric influences, including industrial and marine environments (stainless steel).
- Construction works exposed to constant wet conditions indoors, unless particularly aggressive conditions are present (stainless steel).

Notes: Aggressive conditions are, for example, permanent or alternating immersion in seawater or exposure to the effect of seawater spray, the chloride atmosphere of closed swimming pools or an extremely chemically polluted environment (e.g. desulfurization devices or in road tunnels where anti-icing agents are used).

#### Application category:

- w/w -installation and use in buildings exposed to dry and wet environmental conditions.

#### Anchor design:

- Verified calculations and construction drawings must be made for the corresponding wall in the anchoring zone, the given load that the anchor should carry and their transfer to the structural supports. The position of the anchor must be marked on the project drawing.
- Anchor design is performed by an engineer with experience in the field of anchoring (anchoring) and masonry according to ETA 029, appendix C Method for AND design.

#### Installation:

- Dry or wet construction.
- Drilling in the rotary drilling mode.
- Installation of anchors must be carried out by trained persons under the supervision of the person responsible for technical issues during construction.

#### 4. Name and address of the manufacturer:

**For Banja Komerc Bekament DOO, 132 Kralja Petra Prvog Str., Banja, Serbia  
produces Bostik Benelux BV, Denariusstraat 11, NL-4903 RC Oosterhout**

5. Name and address of representative: /

6. System or systems of assessment and verification of the constancy of performance of the construction product (AVCP), determined by the corresponding technical specification or technical regulation:

### System 1

7. Applied technical regulations:

### ETA-16-0057

8. List of essential characteristics and performance of essential characteristics:

Table A1: Materials

Part	Label	Material
Steel, galvanized 5 µm according to EN ISO 4042 or steel, hot-dip galvanized 40 µm according to EN ISO 1461 and EN ISO 10684		
1	Anchor rod	Steel , EN 10087 or EN 10263 class 4.8 , 5 . 8 , 8,8, EN ISO 898-1 :1999
2	Hexagon nut, EN ISO 4032	EN 20898-2
3	Washer, EN ISO 887, EN ISO 7089, EN ISO 7093 or EN ISO 7094	Steel, galvanized or hot-dip galvanized
Stainless steel		
1	Anchor rod	Material: A4 - 70 , A4-80, EN ISO 3506
2	Hexagon nut, EN ISO 4032	Material: A4-70 , A4-80 , EN ISO 3506
3	Washer, EN ISO 887, EN ISO 7089, EN ISO 7093 or EN ISO 7094	Material: A4-70 , A4-80, EN ISO 3506

Table A2: The size of the threaded rod and screen (sleeves with a hollow wall)

Threaded rod					Sieve (shell with hollow wall)		
Dimension	d1	h er	L <sub>min</sub>	L <sub>max</sub>	Fits the sleeve	d s	1s
[ mm]					[mm]		[mm]
M8	8	80	100	500	SH12 / 80	12	80
M10	10	90	110	500	SH16 / 85	16	85
					SH16 / 130	16	130
					SH16 x 130 / 200	16	330
M12	12	100	110	500	SH20 / 85	20	85
M16	16	100	110	500	SH20 / 85	20	85

- 9. An initial type test was conducted by TZUS Technický a zkušební ústav stavební Praha (NB 1020), s.p. according to ETA-16-0057 based on ETAG 029 for anchoring in mortar. Institute für massivbau Darmstadt (NB 2873) issued a certificate of conformity under no 2873 – CPR-M – 594-7.**

The characteristics of the product are in accordance with the characteristics specified in point 8.

This performance declaration is published in accordance with the Law on Construction Products (Official Gazette of RS, No. 83 of 29 October 2018) and EU Regulation, CPR 305/2011 and is solely the responsibility of the manufacturer specified in point 4.

Vesna Jovanović, BSc of Technology Engineering  
Director of development and technical support

In Banja  
30.07.2023.

Signed

Round official seal: BANJA komerc BEKAMENT doo V  
Banja Arandjelovac

