

DECLARATION OF PERFORMANCE

DoP No. 009-01 BK-StirolFix Special

Highly flexible adhesive for gluing EPS, EPS G, XPS and MW panels and mesh reinforcement

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

BK-StirolFix Special

2. Type, batch or serial number or some other element that enables 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:

Mineral, highly flexible polymer-cement adhesive intended for gluing panels made of expanded (EPS panels) and extruded (XPS panels) polystyrene, for gluing panels of graphite styrofoam and mineral wool (MW panels), to various mineral substrates, as well as for inserting reinforcing mesh and leveling of the entire facade surface.

4. Name and address of the manufacturer

**Banja Komerc Bekament DOO,
132 Kralja Petra Prvog Str.,
34304 Banja, Arandjelovac, Serbia**

5. Name and address of representative: /

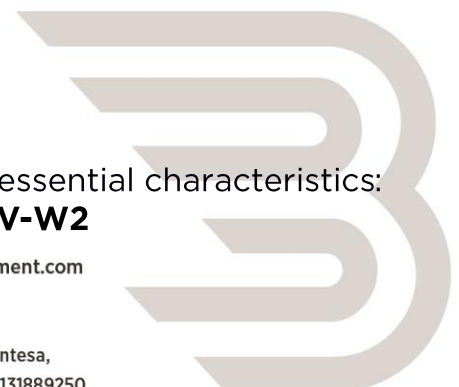
6. System or systems of assessment and verification of the constancy of performance of the construction product (AVCP), determined by the appropriate technical specification or technical regulation:

System 4

7. Applied technical regulations

SRPS EN 998-1:2016

8. List of essential characteristics and performance of essential characteristics:
Classification according to EN 998-1:2016: GP-CS IV-W2



Characteristics	Value	Specification
Bulk mass, kg/dm ³	1,1-1,3	EN 1097-3
Compressive strength, MPa	≥ 10 (class CS IV according to EN 998-1)	EN 1015-11
Capillary absorption of water, c, kg/m ² min ^{0,5}	≤ 0,2 (W2 according to EN 998-1)	EN 1015-18
Thermal conductivity, λ10°C dry, W/mK	0,47	EN 1745 (tab. A.12)
Diffusion resistance coefficient, μ	≤30	EN 1015-19
Adhesion to the concrete surface, kPa	≥ 250	EN 1015-12
Adhesive adhesion on EPS boards, kPa	≥ 80	ETAG 004
Adhesion of the reinforcing layer on EPS panels with facade mesh, kPa	≥ 80	ETAG 004
Adhesive adhesion on XPS panels, kPa	≥ 200	ETAG 004
Adhesion of the reinforcing layer on XPS panels with facade mesh, kPa	≥ 200	ETAG 004
Adhesive adhesion on MW panels, kPa	30 (cracking in MW panels)	ETAG 004

9. The product BK-StirolFix Special is a component of Bekatherm Prestige thermal insulation facade systems and was tested within the Bekatherm Prestige thermal insulation systems in accordance with ETAG 004 and an ETA certificate was issued by the Institute of Construction in Ljubljana (Slovenia) (NB: 1304):

a. Bekatherm Prestige, ETA- 14/0405

Product testing was conducted by the Institute for Materials Testing a.d. in Belgrade and the Test Report under number VHM-391/18 was issued on June 1, 2018.

The product was tested by the Research Institute for Building Materials in Sofia (Bulgaria) (Research Institute for Building Materials, Sofia, Bulgaria, NB: 1950) and a Test Report no. 653-1/2011 was issued.

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 in Technology Eng.
Director of development and technical support

In Banja
07.07.2023.

Signed

Round official seal: BANJA komerc BEKAMENT DOO V
Banja Arandjelovac

