

TECHNICAL DATA SHEET

Edition: 2

Version: 1

BK-FAS COLOR**RZ-TLP-041****Date: October 19 2021****1. PRODUCT AND COMPANY INFORMATION****Commercial product name:** BK-Fas Color**Manufacturer:**

Banja Komerc Bekament DOO
Kralja Petra Prvog 132
34304 Banja
Arandelovac
tel. 034-6777-500
fax. 034-6777-505
e-mail: komercijala@bekament.com

TDS contact: email: laboratorija@bekament.com**2. DESCRIPTION, FIELD OF APPLICATION**

BK-Fas Color is a high-quality acrylic emulsion-based facade dispersion paint. It is characterized by excellent waterproof abilities, UV radiation resistance, and good coverage. It is used for the decorative protection of elements on new, quality, as well as old facade surfaces. It is used for toning the dispersion paints and facade plasters. Due to its excellent resistance, it is also used for application on the internal walls of public objects. BK-Fas Color dispersion paint is available in 13 colors (lemon yellow, yellow, ocher, orange, red, olive terracotta, maroon, brown, black, green, blue, purple).

It is considered an environmentally friendly wall paint not harmful to human health or the environment. It does not contain organic solvents.

3. COMPOSITION

Chemical composition: Aqueous polymer emulsion, water, additives, pigments, and mineral fillers.

Hazardous substances: In accordance with the (EC) Regulation No. 1272/2008 on classification, labelling and packaging of substances and mixtures, through which the CLP/GHS classification and labeling system was introduced into law, this product is not classified as a hazardous product.

4. TECHNICAL CHARACTERISTICS

Density, g/dm (EN ISO 2811-1)	1,350-1,500
Adhesion, MPa (EN ISO 4624)	≥1.0
Water absorption, kg/m² h^{0,5} (EN 1062-3)	0.1-0.5 (Class W ₂ according to EN 1062-1)
Particle size, μm (EN 1524, EN 13300)	< 100 (fine according to EN 13300)

RZ-TLP-041

Banja Komerc Bekament d.o.o., Banja / 34304 Arandelovac | www.bekament.com

TECHNICAL DATA SHEET	Edition: 2	Version: 1
BK-FAS COLOR	RZ-TLP-041	Date: October 19 2021

Shine, % (EN ISO 2813)	< 5 at an angle of 85° (deep matte according to EN 13300)
Coating thickness, µm (EN ISO 3233)	100-200 (Class E ₃ according to EN 1062-1)
Viscosity, mPas (EN ISO 2555)	8,000-15,000
Indicative consumption, g/m²	~250
Packaging, kg	1;

5. OTHER CHARACTERISTICS

Physical appearance: Colored viscous liquid

Odor: Specific of polymeric binders **pH**

value (EN ISO 787-9): 7-8

Dry matter content (EN ISO 3251), %: ~60

VOC* content, g/l: < 1 (maximum allowed value A (c) 40 g/l)

*VOC: Volatile Organic Compound - Volatile organic compound;

BK-Fas Color is not recommended for application on greater surfaces within thermal-insulation systems due to intensive shades.

6. SURFACE PREPARATION

The surface to which the paint is applied must be firm, clean, and dry, without poorly bound parts, greasy stains, etc. All surfaces are appropriate: lime, cement, and cement-lime mortars (at least one month old), concrete surfaces (at least 1 months old), surfaces smoothed out with quality leveling masses (the age depends on the type), as well as surfaces with colors or mortars which have taken on dispersion colors, etc. Before applying, the surface must be coated using the BK-Ultra Prime or BK-Acryl primer, preferably in the same color of the dispersion paint. The primer must be left to dry before applying the paint for at least 12 hours.

Applying the primer may be left out only in the case there are new decorative acrylic-based plasters.

When re-painting surfaces infected by wall moulds, disinfect them with BK-Sanacid.

When the surfaces in question have been previously treated with oil-based paints, varnishes, etc, a complete removal of all existing spreads must be performed.

Great care should be given to preparing the surface, especially when it comes to painting over damaged facades. Any irregularities in the surface texture will prevent a satisfactory result to be achieved. Most of the time, irregularities become even more visible after being painted over.

TECHNICAL DATA SHEET	Edition: 2	Version: 1
BK-FAS COLOR	RZ-TLP-041	Date: October 19 2021

7. PREPARATION AND APPLICATION

The mass must be stirred before use. After that, dilute the mass as needed with up to 5-10 % of water (50-100 ml). The paint is applied using a long-haired roller or brush, most often in two layers. Application of the second layer is done after the first layer is completely dry. In normal conditions (T=+23-25 °C, relative humidity=50-60 %), this takes 4-6 hours. Work needs to be even and without interruptions on continuous surfaces.

If it is used as a dispersion paint toning product, the package must be shaken before use and then, while stirring, added into the mass to be toned. Stir intensively until the paint becomes fully homogenized. The maximum amount of the BK-Fas Color for 25 kg of paint is 2 kg. BK-Fas Color may also be used for toning the facade plasters. Different colors of BK-Fas Color may be mixed with one another without limitations.

Air and surface temperature during installation should be in the +5 °C to +30 °C range. Do not work under direct sunlight, wind, or rain. After 6 h of drying under normal conditions (T=+23-25 °C, 50-60 % r.a.h.) the paint is dry to touch, while complete material resistance is achieved after 3 weeks. The resistance to precipitation is achieved after minimum 24 h of drying under normal conditions. High moisture and low temperatures may significantly lengthen the drying time.

8. MAINTENANCE

Surfaces painted over using BK-Fas Color are resistant to wear and tear and do not require any particular maintenance. It is recommended that the surface is occasionally dusted off. Any possible impurities may be removed using warm water and a universal house cleaning supply (laundry detergent/dish soap). After that, rinse the surface using clean water. No cleaning or washing using abrasive products or tools is permitted.

9. CLEANING THE TOOLS

All tools must be thoroughly washed using water immediately after use. If the tools are not washed immediately after use, remove the hardened residue mechanically. Removal may be easier if the tools are submerged in water over a period of several hours.

10. HANDLING AND STORAGE

No special caution during use is needed when using the product properly. Keep out of reach of children.

Store at temperatures between +5 ° C and +25 ° C, protected from direct sunlight and frost.

Shelf life: 18 months.

11. PERSONAL PROTECTION

TECHNICAL DATA SHEET

Edition: 2

Version: 1

BK-FAS COLOR**RZ-TLP-041****Date: October 19 2021**

Respiratory tract protection: Not needed when the rooms are well aerated.

Hands and body protection: When the skin is repeatedly exposed to the mass, a preventative use of protection gloves is recommended. Use long-sleeve work overalls.

Eye protection: Use safety goggles as a preventative measure.

12. ECOTOXICOLOGICAL INFORMATION

Based on experiences and information currently available, no negative health effects are known when the product is used appropriately. Prevent uncontrolled discharge into sewage and waterways.

13. STORAGE

In accordance with local/regional/European/national regulations.

14. OTHER INFORMATION

The color chart was printed on paper. While applying the product onto various surfaces, certain smaller deviations from the color chart may be expected. These deviations are not subject to claims. Certain deviations of the paint in relation to the appropriate shade in the color chart are possible due to the use of natural mineral fillers. The uneven color shading of a facade surface painted over may be the consequence of inappropriate conditions at installation, differences in absorption, and the roughness of the base.

All paint for a single object must be ordered at one time. Banja Komerc Bekament DOO does not guarantee a complete match of shades from various batches. Deviations in terms of tone are not subject to claims.

If the contractor notices an aesthetic or application deficiency while using the material, he is obliged to cease the works and notify the manufacturer of this. The manufacturer will consider the claim in the shortest possible time frame. Complaints to the manufacturer upon using a significant portion or the entire amount of the materials are not subject to claims. Colors of intense shades, produced using organic pigments, are less resistant to wash out due to rainfall. They are also less likely to keep their color consistency over an extended period of time. Banja Komerc Bekament doo shall assume no liability when it comes to the consistency of prefabricated products gained through toning using the BKFas Color because the consistency depends on various factors. Changes in facade surfaces which occur due to external factors cannot be the object of claims.

15. NOTE

Banja Komerc Bekament DOO performs product quality checks using its own laboratories. It also regularly tests its products in certified laboratories. The Data Sheet is the product of our knowledge and previous practical experience. The purpose of the Data Sheet is to serve as a recommendation in order to achieve the best possible

RZ-TLP-041Banja Komerc Bekament d.o.o., Banja / 34304 Arandelovac | www.bekament.com

TECHNICAL DATA SHEET	Edition: 2	Version: 1
BK-FAS COLOR	RZ-TLP-041	Date: October 19 2021

results. If weather and other conditions are different than those described in our instructions, our instructions need to be taken as general guidelines, without an installation warranty.

Banja Komerc Bekament DOO assumes no liability for damages resulting from the improper use or incorrect product selection, as well as for poorly executed work. It is assumed that the contractor has mastered the techniques of installing and use of various products.

Matters written herein bind us in no way.

This document replaces all previous versions. All previous versions, starting with the listed date the document was compiled, are void.

Date: January 14 2013

Previous version: Version 2,0 -December 14 2020

Amended chapters: 1,6