

## 1. PRODUCT AND COMPANY INFORMATION

**Product commercial name:** BK-Metal 3u1 (shades: white RAL 9016, black RAL 9005, red RAL 3001, IMT red RAL 3020, rotten cherry RAL 3011, light blue RAL 5017, dark blue RAL 5013, light green RAL 6002, dark green RAL 6005, gray RAL 7038, IMT gray RAL 7011, light brown RAL 8015, dark brown RAL 8016, yellow RAL 1018, silver RAL 9006).

**Distributor:**

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

**TDS contact:** email: [laboratorija@bekament.com](mailto:laboratorija@bekament.com)

## 2. DESCRIPTION, FIELD OF APPLICATION

Anticorrosive, basic and finishing paint for protection and repair of all types of metal, steel, ironwork, aluminium, galvanised steel.

## 3. COMPOSITION

Chemical composition: Alkyd resin, thinners, pigments, fillers, additives

**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: Xylene (mixed isomers); toluene; trizinc bis (orthophosphate); hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics was introduced into law, this product is classified as a hazardous product with the following label: Hazard.

## 4. TECHNICAL CHARACTERISTICS

Density(SRPS EN ISO 2811-1)	1.00-1.18g/cm <sup>3</sup>
Viscosity (SRPS EN ISO 2431,Ø4)	40-80 s
Fineness of Dispersion	20µm
Film is dry to the touch	45 min
Film is completely dry	24 hrs
Hardness (Pervoz)	88
Water resistance	Satisfactory

**TECHNICAL DATA SHEET**

Issue: 1

Version: 1

**BK-Metal 3in1**
**RZ-TLP-107**
**Date: 28.05.2025.**

Indicative consumption	100-120 g/m <sup>2</sup>
Packaging	0.75 l
Note	The coating meets the requirements of the SRPS EN ISO 12944-6 standard for atmospheric corrosivity category C2-long (H) lifetime (from 15 to 25 years), C3-medium (M) lifetime (from 7 to 15 years) and C4- short ( L) shelf life (up to 7 years)

## 5. OTHER CHARACTERISTICS

Shape and color	White liquid
Odor	Thinner-like
Non-volatile matter content	50-60%
VOC* g/l: max. 460 g/l ( max. allowed value A(z): 500 g/l)	

\*Volatile Organic Compound

## 6. SURFACE PREPARATION

The metal surface onto which the paint is applied does not require particular cleaning of corrosion. Only the roughest, removable layer of rust must be removed. Degrease and clean the metal well, and then apply the paint.

## 7. PREPARATION AND APPLICATION

Stir the mass well before use. As needed, dilute the paint using the BK-RX thinner.

Thinning: 5-10% for application by brush, roller and up to 15% for spraying (gun with nozzle ø 1.8). When diluted, the coverage decreases. Apply in two layers. Apply the first layer by shading and apply the second layer more fully so that the layer thickness is 120 microns, which is enough to stop further penetration of corrosion. The second layer must be applied no later than 4 hours after applying the first layer. BK-Metal 3in1 paint adheres well to old paint and can also be used for painting wood and plastic. It can also be applied directly to degreased galvanized sheets (without using a primer).

Application temperature: From +10 °C to +30 °C.

The optimal temperature for work is between 15 and 25 °C and relative humidity below 80%. It is not recommended to work at a temperature lower than 5 °C. Do not work in direct sunlight, rain, strong wind and r.v.v. greater than 80%.

## 8. CLEANING THE TOOLS

All tools need to be thoroughly washed using nitro thinner BK-Nitro immediately after use.

**RZ-TLP-107**

 Banja Komerc Bekament d.o.o., Banja / 34304 Arandelovac | [www.bekament.com](http://www.bekament.com)

## 9. HANDLING AND STORAGE

Use skin and eye protective gear. Keep the product away from heat sources and ignition sources. Do not use tools that produce sparks. Drinking, eating, and smoking while handling the chemical is forbidden. When the product is handled in closed spaces, efficient local ventilation must be secured.

The product must be stored in its original packaging between +5°C and +25°C, away from heat sources and direct sunlight.

Shelf life: 36 months

## 10. PERSONAL PROTECTION

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

Hands and body protection: Preventative use of protective gloves and work overalls.

Eye protection: Safety goggles as a preventative measure.

## 11. ECOTOXICOLOGICAL INFORMATION

No known negative health side-effects are known when the product is used properly. The product must not reach waterways or sewage.

## 12. STORAGE

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

## 13. 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 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: 28.05.2025.

Previous version: 1.0 – 30.06.2022.

Changed chapters: 1 and 7