

DECLARATION OF PERFORMANCE

DoP No. 164-01–12 BK-Signal Color

Acrylic paint for thin-layer horizontal road signaling

Shades: white RAL 9016, yellow RAL 1003, yellow RAL 1023, black RAL 9005, red RAL 3020, blue RAL 5005, blue RAL 5017, gray RAL 7012, gray RAL 7044, green RAL 6018, green RAL 6017, blue RAL 5019 and other RAL shades upon request.

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

BK-Signal Color

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:

Acrylic paint intended for thin-layer horizontal signaling and marking of roads, parking spaces, streets, pedestrian crossings and other roads covered with asphalt or concrete. Abrasion resistance is determined.

4. Name and address of the manufacturer:

For **Banja Komerc Bekament d.o.o.**
132 Kralja Petra Prvog Str.,
34304 Banja, Arandjelovac, Serbia

Produced by: **HEMPRO-COLOR d.o.o.**
31 Đure Jakšića tr.
22240 Šid, 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 regulation:

EN 13197:2012+A1:2014



EN 1436:2018
8. List of essential characteristics and performance of essential characteristics:

Density, g/cm ³ (EN ISO 2811-1)	1,50 - 1,60			
Viscosity as delivered, with (DIN 53211, 6 mm, 20 °C)	40 - 60			
Viscosity, KU (EN ISO 2431:2019, d=6 mm, 20 °C)	max 85			
Drying time, „No-Pick-Up Time“, min (ASTM D 771-89, 23 °C)	15			
Fineness of dispersion, μm (EN ISO 1524: 2013)	max 90			
Theoretical consumption, g/m ²	For dry film thickness (DFT*), μm	For wet film thickness (WFT*), μm	Consumption, g/m ²	Consumption, ml/m ²
	160	300	450	290
	220	400	620	400
	270	500	760	490
	330	600	930	600
<i>Conversion factor: wet/dry film: 1,8</i> <i>Quantities refer to undiluted paint!</i>				
Packaging, kg	30			

Note	The product meets class P5, P6 and P7 in accordance with UNE-EN 13197:2012+A1:2014 and UNE-EN 1436:2018 ; it has an AETEC certificate.
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9. The BK-Signal Color product has the following test reports:
- a. **Endurance test certificate 5259/P-RR-II dated on 20.04.2021, AETEC, Madrid**
 - a.i. **In a system with a mixture of glass beads and anti-slip aggregate Swarco Solidplus 10 212-850 T14.**
 - b. **Endurance test certificate 5260/P-RR-II dated on 20.04.2021, AETEC, Madrid**
 - b.i. **In a system with a mixture of glass beads and anti-slip aggregates Swarcolux 50 212-1000 T14 M30.**
 - c. **Test report UIV 145/24 dated on May 9, 2024, IMS Institute, Belgrade**
 - d. **Test report UIV 144/24 dated on May 9, 2024, IMS Institute, Belgrade**
 - e. **Test report UIV 143/24 dated on May 9, 2024, IMS Institute, Belgrade**
 - f. **Test report UIV 146/24 dated on May 9, 2024, IMS Institute, Belgrade**
 - g. **Test report UIV 147/24 dated on May 9, 2024, IMS Institute, Belgrade**
 - h. **Test report UIV 148/24 dated on May 9, 2024, IMS Institute, Belgrade**
 - i. **Test report UIV 119/24 dated on April 17, 2024, IMS Institute, Belgrade**
 - j. **Test report UIV 119/24 dated on April 17, 2024, IMS Institute, Belgrade**
 - k. **Test report UIV 120/24 dated on April 17, 2024, IMS Institute, Belgrade**
 - l. **Test report UIV 121/24 dated on April 17, 2024, IMS Institute, Belgrade**

The characteristics of the product are in accordance with the characteristics specified in point 6.

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.

Jelena Tomković
Senior development engineer
In Banja
06.08.2024.
Signed



Round official seal: BANA komerc BEKAMENT DOO V
Banja Arandjelovac

Previous version: 13.11.2023.

Modified chapters: 8 and 9.

