



BEOROL d.o.o.
Kirovljeva 10/26,
11000 Belgrade, Serbia,
Tel: +381 11 2564300,
e-mail: beorol@beorol.rs

DECLARATION OF PERFORMANCE

1. Unique identification code of the product-type:	Pu Foam
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):	GROSS WEIGHT : 320 GR , 500 GR, 750 GR
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	FOAM YIELD CHARACTERISTICS : EN-17333-1 EXPANSION CHARACTERISTICS : EN-17333-2 APPLICATION : EN-17333-3 MECHANICAL STRENGTH : EN-17333-4 INSULATION : EN-17333-5
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Beorol d.o.o. Kirovljeva 10/26, Belgrade 11030, Serbia
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	NOT RELEVANT
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:	EN 17333-1 EN 17333-2 EN 17333-3 EN 17333-4
	Notified Body: no notified body available / internal tests applied
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	NOT RELEVANT
9. Declared performance	See Table 1

CONDITIONING: ACCORDING TO TS EN 17333; 23 °C & 50% RELATIVE HUMIDITY

SUBSTRATE: 17333-4 METHOD 1 => P3 TYPE PLYWOOD

17333-4 METHOD 2 => P3 TYPE PLYWOOD

17333-4 METHOD 3 => PINE WOOD

17333-4 METHOD 5 => DIN EN 204 205 - BEECH WOOD





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Table 1

Essential Characteristic	Declared Performance	Harmonized Standard
Joint Foam Density	27,3 kg/m ³	EN 17333-1 (Method 1)
Foam Yield	6,5 m @ 3x10 cm joint 12 m @ 4x4 cm joint 21,4 m @ 3x3 cm joint	EN 17333-1 (Method 1)
Total Foam Yield	33 lt	EN 17333-1 (Method 2)
Free Foamed Density	33,5 kg/m ³	EN 17333-1 (Method 3)
Dimensional Stability	-1,06%	EN 17333-2 (Method 1)
Post Expansion	200%	EN 17333-2 (Method 3)
Cutting Time	32 min	EN 17333-3 (Method 1)
Tack Free Time	9 min	EN 17333-3 (Method 2)
Sagging	Non-sag @ 5 cm joint	EN 17333-3 (Method 3)
Compression Strength	22,75 kPa	EN 17333-4 (Method 1)
Tensile Strength	80,22 kPa	EN 17333-4 (Method 2)
Shear Strength	52,15 kPa	EN 17333-4 (Method 3)
Bonding Strength	5,87 MPa	EN 17333-4 (Method 5)
Elongation	27,6%	EN 17333-4 (Method 2)

10. point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

R&D Department





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DECLARATION OF PERFORMANCE

1. Unique identification code of the product-type:	Pu Foam Gungrade
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):	GROSS WEIGHT : 658 GR
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	FOAM YIELD CHARACTERISTICS : EN-17333-1 EXPANSION CHARACTERISTICS : EN-17333-2 APPLICATION : EN-17333-3 MECHANICAL STRENGTH : EN-17333-4 INSULATION : EN-17333-5
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Beorol d.o.o. Kirovljeva 10/26, Belgrade 11030, Serbia
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	NOT RELEVANT
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:	EN 17333-1 EN 17333-2 EN 17333-3 EN 17333-4 Notified Body: no notified body available / internal tests applied
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	NOT RELEVANT
9. Declared performance	See Table 1

CONDITIONING: ACCORDING TO TS EN 17333; 23 °C & 50% RELATIVE HUMIDITY

SUBSTRATE: 17333-4 METHOD 1 => P3 TYPE PLYWOOD

17333-4 METHOD 2 => P3 TYPE PLYWOOD

17333-4 METHOD 3 => PINE WOOD





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DECLARATION OF PERFORMANCE

17333-4 METHOD 5 => DIN EN 204 205 - BEECH WOOD

Table 1

Essential Characteristic	Declared Performance	Harmonized Standard
Joint Foam Density	14,33 kg/m ³	EN 17333-1 (Method 1)
Foam Yield	12,46 m @ 3x10 cm joint 23,37 m @ 4x4 cm joint 41,54 m @ 3x3 cm joint	EN 17333-1 (Method 1)
Total Foam Yield	40,3 lt	EN 17333-1 (Method 2)
Free Foamed Density	17,69 kg/m ³	EN 17333-1 (Method 3)
Dimensional Stability	-1,66%	EN 17333-2 (Method 1)
Post Expansion	63,24%	EN 17333-2 (Method 3)
Cutting Time	25 min	EN 17333-3 (Method 1)
Tack Free Time	6 min	EN 17333-3 (Method 2)
Sagging	Non-sag @ 6 cm joint	EN 17333-3 (Method 3)
Compression Strength	25,00 kPa	EN 17333-4 (Method 1)
Tensile Strength	35,70 kPa	EN 17333-4 (Method 2)
Shear Strength	30,57 kPa	EN 17333-4 (Method 3)
Bonding Strength	6,40 MPa	EN 17333-4 (Method 5)

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DECLARATION OF PERFORMANCE

1. Unique identification code of the product-type:	PU foam low expanding
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):	GROSS WEIGHT : 814 GR, 500GR
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	FOAM YIELD CHARACTERISTICS : EN-17333-1 EXPANSION CHARACTERISTICS : EN-17333-2 APPLICATION : EN-17333-3 MECHANICAL STRENGTH : EN-17333-4 INSULATION : EN-17333-5
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Beorol d.o.o. Kirovljeva 10/26, Belgrade 11030, Serbia
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	NOT RELEVANT
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:	EN 17333-1 EN 17333-2 EN 17333-3 EN 17333-4 Notified Body: no notified body available / internal tests applied EN 17333-5 Notified Body: TEBAR Test Belgelendirme Araştırma ve Geliştirme Ticaret A.Ş.
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	NOT RELEVANT
9. Declared performance	See Table 1

01.09.2024



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DECLARATION OF PERFORMANCE

CONDITIONING: ACCORDING TO TS EN 17333; 23 °C & 50% RELATIVE HUMIDITY

SUBSTRATE: 17333-4 METHOD 1 => P3 TYPE PLYWOOD

17333-4 METHOD 2 => P3 TYPE PLYWOOD

17333-4 METHOD 3 => PINE WOOD

17333-4 METHOD 5 => DIN EN 204 205 - BEECH WOOD (10x20 adhesion area)

Table 1

Essential Characteristic	Declared Performance	Harmonized Standard
Joint Foam Density	14,84 kg/m ³	EN 17333-1 (Method 1)
Foam Yield	12,66 m (3x10 cm joint) 42,21 m (3x3 cm joint)	EN 17333-1 (Method 1)
Total Foam Yield	54,26 L	EN 17333-1 (Method 2)
Free Foamed Density	16,57 kg/m ³	EN 17333-1 (Method 3)
Dimensional Stability	Avg: -1,09%	EN 17333-2 (Method 1)
Curing Pressure	4,93 kPa	EN 17333-2 (Method 2)
Post Expansion	48,73%	EN 17333-2 (Method 3)
Cutting Time	20 min	EN 17333-3 (Method 1)
Tack Free Time	5 min	EN 17333-3 (Method 2)
Sagging	Non Sag for 6 cm Joint Width	EN 17333-3 (Method 3)
Compression Strength	35,68 kPa	EN 17333-4 (Method 1)
Tensile Strength	67,66 kPa	EN 17333-4 (Method 2)
Shear Strength	37,66 kPa	EN 17333-4 (Method 3)
Bonding Strength	7,64 MPa	EN 17333-4 (Method 5)
Insulation	0,0356 W/m.K	EN 17333-5

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DECLARATION OF PERFORMANCE

1. Unique identification code of the product-type:	PU styro foam
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):	GROSS WEIGHT : 821 GR
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	FOAM YIELD CHARACTERISTICS : EN-17333-1 EXPANSION CHARACTERISTICS : EN-17333-2 APPLICATION : EN-17333-3 MECHANICAL STRENGTH : EN-17333-4 INSULATION : EN-17333-5
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Beorol d.o.o. Kirovljeva 10/26, Belgrade 11030, Serbia
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	NOT RELEVANT
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:	EN 17333-1 EN 17333-2 EN 17333-3 EN 17333-4 Notified Body: no notified body available / internal tests applied EN 17333-5 Notified Body: TEBAR Test Belgelendirme Araştırma ve Geliştirme Ticaret A.Ş.
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	NOT RELEVANT
9. Declared performance	See Table 1

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CONDITIONING: ACCORDING TO TS EN 17333; 23 °C & 50% RELATIVE HUMIDITY

SUBSTRATE: 17333-4 METHOD 1 => P3 TYPE PLYWOOD

17333-4 METHOD 2 => P3 TYPE PLYWOOD

17333-4 METHOD 3 => PINE WOOD

17333-4 METHOD 5 => DIN EN 204 205 - BEECH WOOD (10x20 adhesion area)

Table 1

Essential Characteristic	Declared Performance	Harmonized Standard
Joint Foam Density	17,53 kg/m ³	EN 17333-1 (Method 1)
Foam Yield	10,88 m (3x10 cm joint) 36,27 m (3x3 cm joint)	EN 17333-1 (Method 1)
Total Foam Yield	44,89 L	EN 17333-1 (Method 2)
Free Foamed Density	19,47 kg/m ³	EN 17333-1 (Method 3)
Dimensional Stability	Avg: -1,34%	EN 17333-2 (Method 1)
Curing Pressure	5,33 kPa	EN 17333-2 (Method 2)
Post Expansion	47,37%	EN 17333-2 (Method 3)
Cutting Time	30 min	EN 17333-3 (Method 1)
Tack Free Time	6 min	EN 17333-3 (Method 2)
Sagging	Non Sag for 5 cm Joint Width	EN 17333-3 (Method 3)
Compression Strength	50,25 kPa	EN 17333-4 (Method 1)
Tensile Strength	79,35 kPa	EN 17333-4 (Method 2)
Shear Strength	55,68 kPa	EN 17333-4 (Method 3)
Bonding Strength	9,08 MPa	EN 17333-4 (Method 5)
Insulation	0,0285 W/m.K	EN 17333-5

10. point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

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R&D Department

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DECLARATION OF PERFORMANCE

1. Unique identification code of the product-type:	Acetoxy Silicone
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):	BATCH NUMBER: SEE PRODUCT PACKAGING
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	SEALANT FOR FACADE ELEMENTS : EN-15651-1: F-EXT-INT-CC-25LM SEALANT FOR GLAZING EN-15651-2: TYPE G-CC-25LM
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Beorol d.o.o. Kirovljeva 10/26, Belgrade 11030, Serbia
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	NOT RELEVANT
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	SYSTEM 3 ; SYSTEM 3 FOR REACTION TO FIRE Notified body: 1292 Notified Body fire: 2184
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:	EN 15651-1 EN 15651-2
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	NOT RELEVANT
9. Declared performance	See Table 1

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DECLARATION OF PERFORMANCE

CONDITIONING: PROCEDURE A (ACCORDING TO ISO 8340)

SUBSTRATE: Glass (without primer) /Aluminum (with primer)

Table 1

Essential Characteristic	Declared Performance	Harmonized Standard
Reaction to Fire	Class E	-
Resistance to flow	≤3 mm	EN 15651-1,2
Loss of Volume	≤ 10 %	EN 15651-1,2
Adhesion / Cohesion at maintained extension after immersion in water	No Failure	EN 15651 -1
Adhesion / Cohesion at maintained extension for non-structural sealants used in joints in cold climate areas (-30 °C)	No Failure	EN 15651-1,2
Adhesion / cohesion properties after exposure to heat, water and artificial light	Pass Glass	EN 15651-2
Elastic Recovery	≥70%	EN 15651-2
Durability	Pass	EN 15651-1,2

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:





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**DECLARATION OF
PERFORMANCE DOP-657**

1. Unique identification code of the product-type:	Spray RAL colors
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):	BATCH NUMBER: SEE PRODUCT PACKAGING
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	Color spray Based on UNE-EN ISO 2813
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Beorol d.o.o. Kirovljeva 10/26, Belgrade 11030, Serbia
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	NOT RELEVANT
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	SYSTEM 3 FOR REACTION TO FIRE Notified Body:1396-fire Notified Body:2195
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:	Based on ISO 7724/31
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	NOT RELEVANT
9. Declared performance	See Table 1

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**DECLARATION OF
PERFORMANCE DOP-657**

Table 1

Essential Characteristic	Declared Performance	Harmonized Standard
Reaction to Fire	Class B	-
Glossy paints	≥ 90 GU	EN ISO 2813
Matt paints	5%-10 GU	EN ISO 2813
Color variation dE CMC (2:1)	<1	ISO 7724/3
Dust free drying	10 minutes	UNE-EN ISO 1517 – ASTM D-1640
Touch dry	20 minutes	UNE-EN ISO 1517 – ASTM D-1640
Deep dry	24 hours	UNE-EN ISO 1517 – ASTM D-1640
Tin Tightness	Pass	CERTIFICATE N. P1512

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.





1. Unique identification code of the product-type:	Acetoxy Silicone
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):	BATCH NUMBER: SEE PRODUCT PACKAGING
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	SEALANT FOR FACADE ELEMENTS : EN-15651-1: F-EXT-INT-CC SEALANT FOR GLAZING EN-15651-2: TYPE G-CC SEALANTS FOR SANITARY JOINTS : EN-15651-3 : S1
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Beorol d.o.o. Kirovljeva 10/26, Belgrade 11030, Serbia
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	NOT RELEVANT
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	SYSTEM 3 ; SYSTEM 3 FOR REACTION TO FIRE Notified Body: 1292 Notified Body : 2184 (fire)
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:	EN 15651-1 EN 15651-2 EN 15651-3
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	NOT RELEVANT
9. Declared performance	See Table 1

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DECLARATION OF PERFORMANCE

CONDITIONING: PROCEDURE A (ACCORDING TO ISO 8340)

SUBSTRATE: Glass (without primer) /Aluminum (with primer)

Table 1

Essential Characteristic	Declared Performance	Harmonized Standard
Reaction to Fire	Class E	-
Resistance to flow	≤3 mm	EN 15651-1,2,3
Loss of Volume	≤ 40 %	EN 15651-1,2,3
Adhesion / Cohesion at maintained extension after immersion in water	No Failure	EN 15651 -1,3
Adhesion / Cohesion at maintained extension for non-structural sealants used in joints in cold climate areas (-30 °C)	No Failure	EN 15651-1,2
Adhesion / cohesion properties after exposure to heat, water and artificial light	Pass Glass	EN 15651-2
Elastic Recovery	≥60%	EN 15651-2
Microbiological Growth	1	EN 15651-3
Durability	Pass	EN 15651-1,2,3

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Signature

01.09.2024

