

**DECLARATION OF PERFORMANCE
No. 13/2020**

1. Unique identification code of the product type: **Natural aggregate of grain size of 8/11 mm TRNAVA**
2. Intended use of the construction product: **For bituminous mixtures for roads and for surface treatment of roads, airport runways and other traffic areas**
3. Name and address of manufacturer: **GP JEDINSTVO d.o.o. (LLC)
56, Patrijarha Gavrila Dožića Street, BA -78400 GRADIŠKA**
4. Authorized representative: **GP JEDINSTVO d.o.o. (LLC)
56, Patrijarha Gavrila Dožića Street, BA -78400 GRADIŠKA**
5. System of assessment and verification of constancy of performance of construction product: **2+**
6. Harmonized standard: **EN 13043:2002, EN 13043:2002/AC:2004**
7. Certificate of conformity of factory production control No. **2477-CPR-2740**
8. Declared performance:

| IMPORTANT CHARACTERISTICS | PROPERTIES (CLASS / LEVEL) | |
|---|--|--|
| Granulometric composition, grain shape, density and water absorption | Aggregate fraction (d/D) | 8/11 mm |
| | Granulometry | G_c 90/15 |
| | Content of fine particles | f₁ |
| | Shape index | SI₂₀ |
| | Flatness index | FI₁₅ |
| | Grain density (Mg/m ³) | ρ_a 2,95 |
| | | ρ_{rd} 2,85 |
| | | ρ_{ssd} 2,88 |
| Water absorption (%) | 1,4 | |
| Crushing resistance | Crushing resistance | LA₁₅ |
| Wearing resistance | Wearing resistance | M_{DE}15 |
| Polishing resistance | Polishing resistance | PSV₅₀ |
| Abrasion resistance | Surface abrasion resistance | AAV₁₅ |
| Heat shock resistance | Heat shock resistance | VLA₆ |
| Adhesion of aggregates and bituminous binders | Method A (6 hours) | 80 |
| | Method B | 100 |
| Frost resistance | Resistance to magnesium sulfate | MS₁₈ |
| Proportion of crushed and broken grains | Proportion of crushed and broken grains | C_{100/0} |
| Composition/content | chemical composition /petrographic type | diabase |
| Release of hazardous substances | Release of hazardous substances | Natural stone No release of hazardous substances |
| Determination of light pollution | Determination of light pollution | mLPC0,1 |

The previously determined property of the product is in accordance with the published properties. This declaration of performance is issued in accordance with Regulation (EU) No. 305/2011 and 574/2014, under the sole responsibility of the previously identified manufacturer.

Place and date:

Gradiška, November 11, 2020

Signed on behalf of manufacturer:
Director: Zdravko Praštalo, Mech.Eng.



MARK OF CONFORMITY



2477

TECHNICAL INSTRUCTIONS

USE:

Natural aggregate for bituminous mixtures and for surface treatment of roads, airport runways and other traffic areas

COMPOSITION:

Natural aggregate – petrographic composition - diabase.

PACKAGE:

In loose state.

STORAGE:

The chemical and physical properties of the product allow storage of the product in open disposal areas in a loose state.

Disposal areas must be prepared and cleaned in advance and physically separated from each other to prevent contamination or mixing with other products.

EXPIRATION DATE:

Unlimited.

TRANSPORT:

The means of transport must be clean and free of any material previously transported.

If necessary (rain, wind), protect aggregate with waterproof foils.

During loading, transporting and unloading, take care not to contaminate and segregate aggregate.

The natural aggregate of fraction of 8/11 mm is not included in the hazardous substances for transport by road or rail.

SAFETY MEASURES:

No special protective equipment is required for safe operation.

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| GP JEDINSTVO d.o.o. (IIC) 56, Patrijarha Gavriła Dožića Street, BA -78400 GRADIŠKA Business Unit Quarry „Trnava“ / Separation Trnavska Street, BA -78405 Gornji Podgradci | | |
| 20 2477-CPR-2740 | | |
| EN 13043:2002 and EN 13043:2002/AC:2004 Aggregates for bituminous mixtures and for surface treatment of roads, airport runways and other traffic areas Natural aggregate 8/11 mm Trnava Declaration of performance No. 13/2020 | | |
| Fraction size | mark | 8/11 mm |
| | class | Gc 90/15 |
| Content of fine particles | class | f₁ |
| Shape index | class | Sl₂₀ |
| Flatness index | class | Fl₁₅ |
| Density | declared value | ρ_a=2,95 Mg/m³ |
| | declared value | ρ_{rd}=2,85 Mg/m³ |
| | declared value | ρ_{ssd}=2,88 Mg/m³ |
| Water absorption | declared value | 1,4 % |
| Crushing resistance | class | LA₁₅ |
| Wearing resistance | class | M_{DE15} |
| Polishing resistance | class | PSV₅₀ |
| Abrasion resistance | class | AAV₁₀ |
| Heat shock resistance | declared value | VLA₆ |
| Adhesion of bituminous binder | | |
| Method A (6h) | declared value | 80 % |
| Method B | declared value | 100 % |
| Testing with magnesium sulfate | class | MS₁₈ |
| Proportion of crushed and broken grains | class | C_{100/0} |
| Composition | petrographic composition | diabase |
| Release of hazardous substances | limit value at place of use | N/A |
| Determination of light pollution | class | m_{LPC} 0,1 |