

**DECLARATION OF PERFORMANCE**  
**No. 12/2020**

1. Unique identification code of the product type: **Natural aggregate of grain size of 4/8 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**
1. Declared performance:

IMPORTANT CHARACTERISTICS	PROPERTIES (CLASS / LEVEL)	
Granulometric composition, Density and water absorption	Aggregate fraction (d/D)	<b>4/8 mm</b>
	Granulometry	<b>G<sub>c</sub> 90/15</b>
	Limit value and class of tolerance – large aggregate	<b>G<sub>20/15</sub></b>
	Content of fine particles	<b>f<sub>1</sub></b>
	Shape index	<b>SI<sub>20</sub></b>
	Flatness index	<b>FI<sub>15</sub></b>
	Grain density (Mg/m <sup>3</sup> )	<b>ρ<sub>a</sub> 2,94</b>
		<b>ρ<sub>rd</sub> 2,82</b>
		<b>ρ<sub>ssd</sub> 2,86</b>
Water absorption (%)	<b>1,5</b>	
Proportion of crushed and broken grains	Proportion of crushed and broken grains	<b>C<sub>100/0</sub></b>
Composition/content	chemical composition /petrographic type	<b>diabase</b>
Release of hazardous substances	Release of hazardous substances	Natural stone No release of hazardous substances
Determination of light pollution	Determination of light pollution	<b>m<sub>LPC</sub> 0,1</b>
<b>IMPORTANT CHARACTERISTICS TESTED ON REFERENCE FRACTIONS</b>		
Polishing resistance	Polishing resistance	<b>PSV<sub>50</sub></b>
Crushing resistance	Crushing resistance	<b>LA<sub>15</sub></b>
Adhesion of aggregates and binders	Method A (6 hours) Method B	<b>80</b> <b>100</b>
Frost resistance	Resistance to magnesium sulfate	<b>MS<sub>18</sub></b>

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 4/8 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.

<b>GP JEDINSTVO d.o.o. (IIC)</b> 56, Patrijarha Gavriła Dožića Street, BA -78400 GRADIŠKA <b>Business Unit Quarry „Trnava“ / Separation</b> Trnavska Street, BA -78405 Gornji Podgradci		
<b>20</b> <b>2477-CPR-2740</b>		
<b>EN 13043:2002 and EN 13043:2002/AC:2004</b> <b>Aggregates for bituminous mixtures and for surface treatment of roads, airport runways and other traffic areas</b> <b>Natural aggregate 4/8 mm Trnava</b> Declaration of performance No. 12/2020		
<b>Fraction size</b>	mark	<b>4/8 mm</b>
	class	<b>Gc 90/15</b>
<b>Content of fine particles</b>	class	<b>f<sub>1</sub></b>
<b>Shape index</b>	class	<b>Sl<sub>20</sub></b>
<b>Flatness index</b>	class	<b>Fl<sub>15</sub></b>
<b>Density</b>	declared value	<b>ρ<sub>a</sub>=2,94 Mg/m<sup>3</sup></b>
	declared value	<b>ρ<sub>rd</sub>=2,82 Mg/m<sup>3</sup></b>
	declared value	<b>ρ<sub>ssd</sub>=2,86 Mg/m<sup>3</sup></b>
<b>Water absorption</b>	declared value	<b>1,5 %</b>
<b>Proportion of crushed and broken grains</b>	class	<b>C<sub>100/0</sub></b>
<b>Composition</b>	petrographic composition	<b>diabase</b>
<b>Release of hazardous substances</b>	limit value at place of use	<b>N/A</b>
<b>Determination of light pollution</b>	class	<b>m<sub>LPC</sub> 0,1</b>
<b>Other characteristics tested on reference fractions</b>		
<b>Polishing resistance</b>	class	<b>PSV<sub>50</sub></b>
<b>Crushing resistance</b>	class	<b>LA<sub>15</sub></b>
<b>Adhesion of bituminous binder</b>		
Method A (6h)	declared value	<b>80 %</b>
Method B	declared value	<b>100 %</b>
<b>Testing with magnesium sulfate</b>	class	<b>MS<sub>18</sub></b>