

**DECLARATION OF PERFORMANCE**  
**No. 8/2020**

1. Unique identification code of the product type: **Natural aggregate of grain size of 32/63 mm TRNAVA**
2. Intended use of the construction product: **Railway crushed stone for use in construction of railway**
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 13450:2002, EN 13450:2002/AC:2004**  
Certificate of conformity of factory production control No. **2477-CPR-2740**
7. Declared performance:

IMPORTANT CHARACTERISTICS	PROPERTIES (CLASS / LEVEL)	
Granulometric composition, grain shape, density and water absorption	Aggregate fraction (d/D)	<b>32/6 mm</b>
	Granulometry	<b>D</b>
	Shape index	<b>Sl<sub>20</sub></b>
	Flatness index	<b>Fl<sub>15</sub></b>
	Grain length	<b>B</b>
	Grain density (Mg/m <sup>3</sup> )	<b><math>\rho_a</math> 2,82</b>
	Water absorption (%)	<b>0,5</b>
Crushing resistance	Crushing resistance	<b>LA<sub>RB16</sub></b>
Wearing resistance	Wearing resistance	<b>M<sub>DE</sub>RB 15</b>
Composition/content of fine grains	Content of fine grains – size 0,063 mm	<b>A</b>
	Content of fine grains – size 0,5 mm	<b>A</b>
Weather durability	Resistance to freezing and thawing	<b>durable</b> (mass loss 0%)
Composition/content	Petrographic type	<b>diabase</b>
Release of hazardous substances	Release of hazardous substances. Release of heavy metals. Release of polyaromatic carbons.	Natural stone. No release of hazardous substances.

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

**GP JEDINSTVO d.o.o. (IIC)**  
56, Patrijarha Gavrila Dožića Street, BA -78400 GRADIŠKA  
**Business Unit Quarry „Trnava“ / Separation**  
Trnavska Street, BA -78405 Gornji Podgradci

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**2477-CPR-2740**

**EN 13450:2002 and EN 13450:2002/AC:2004**  
**Aggregates for railway crushed stone**

**Natural aggregate 32/63 mm Trnava**

Declaration of performance No. 08/2020

<b>Fraction size</b>	mark	<b>32/63 mm</b>
	class	<b>D</b>
<b>Shape index</b>	class	<b>SI<sub>20</sub></b>
<b>Flatness index</b>	class	<b>FI<sub>15</sub></b>
<b>Density</b>	declared value	<b>2,82 Mg/m<sup>3</sup></b>
<b>Water absorption</b>	declared value	<b>0,5 %</b>
<b>Crushing resistance</b>	class	<b>LA<sub>RB16</sub></b>
<b>Wearing resistance</b>	class	<b>M<sub>DE</sub>RB15</b>
<b>Content of fine grains (0,063 mm)</b>	class	<b>A</b>
<b>Content of fine grains (0,5 mm)</b>	class	<b>A</b>
<b>Resistance to freezing and thawing</b>		<b> durable</b>
<b>Composition</b>	petrographic composition	<b>diabase</b>
<b>Hazardous substances</b>	Release of hazardous substances. Release of heavy metals. Release of polyaromatic carbons.	<b>No</b>

## TECHNICAL INSTRUCTIONS

### USE:

Natural aggregate for railway crushed stone for use in construction of railway.

### 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 32/63 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.