

**DECLARATION OF PERFORMANCE
No. 15/2020**

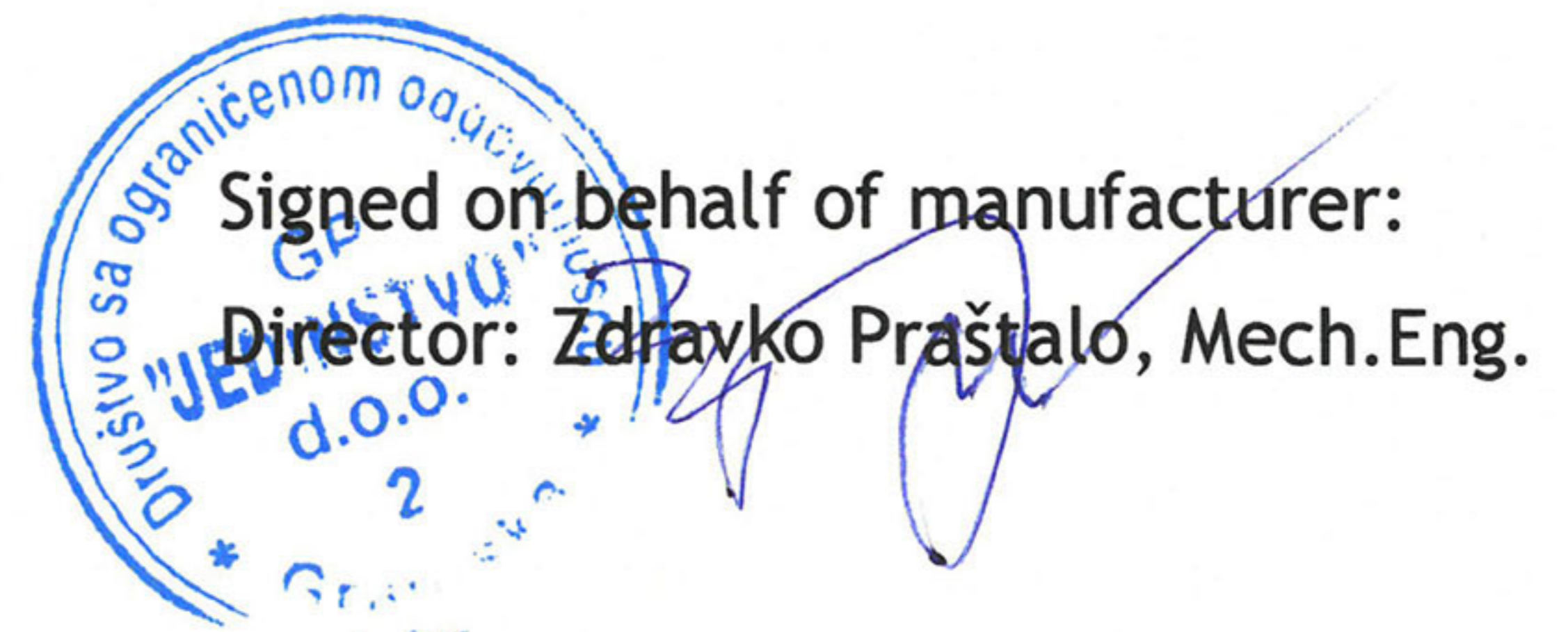
1. Unique identification code of the product type: **Natural aggregate of grain size of 16/22 mm TRNAVA**
2. Intended use of the construction product: **For bituminous mixtures for roads and for surface treatment of roads, airport runways and other traffic areas**
3. Name and address of manufacturer: **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, density and water absorption	Aggregate fraction (d/D)	16/22 mm
	Granulometry	G_c 90/15
	Content of fine particles	f₁
	Shape index	SI₂₀
	Flatness index	FI₁₅
	Grain density (Mg/m ³)	ρ_a 2,93
		ρ_{rd} 2,85
		ρ_{ssd} 2,88
Water absorption (%)	1,0	
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	m_{LPC} 0,1
IMPORTANT CHARACTERISTICS TESTED ON REFERENCE FRACTIONS		
Polishing resistance	Polishing resistance	PSV₅₀
Crushing resistance	Crushing resistance	LA₁₅
Adhesion of aggregates and binders	Method A (6 hours) Method B	80 100
Frost resistance	Resistance to magnesium sulfate	MS₁₈

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 16/22 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.

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 16/22 mm Trnava Declaration of performance No. 15/2020		
Fraction size	mark	16/22 mm
	class	Gc 90/15
Content of fine particles	class	f₁
Shape index	class	Sl₂₀
Flatness index	class	Fl₁₅
Density	declared value	ρ_a=2,93 Mg/m³
	declared value	ρ_{rd}=2,85 Mg/m³
	declared value	ρ_{ssd}=2,88 Mg/m³
Water absorption	declared value	1,0 %
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
Other characteristics tested on reference fractions		
Polishing resistance	class	PSV₅₀
Crushing resistance	class	LA₁₅
Adhesion of bituminous binder		
Method A (6h)	declared value	80 %
Method B	declared value	100 %
Testing with magnesium sulfate	class	MS₁₈