

### Test report No. 3

#### Broken stone mixed with fraction of 40-70 mm

*Product name:* broken stone mixed with fraction of 40-70 mm, code of the Russian Classification of Production (RCP) 57 1110, code of Foreign Economic Activity Commodity Nomenclature (FEACN) 2517 10 000 0

*Supplier:* Kalinichenko Individual Entrepreneur

*Date of registration:* 22.05.2013

*Information about test unit:* broken stone mixed with fraction of 40-70 mm (basalt). Kirovsky deposit of structural stone, Kirovsky settlement of the Primorsky region, mass of 170 kgs.

*Registration number of collected material:* No. 3513

*Test method:* GOST 8269 0-97 “Mauntainous rock road-metal and gravel, industrial waste products for construction works”

*Date of testing:* 22.05 – 05.07.2013

#### 1. Qualitative indicators of broken stone mixed with fraction of 20-70 mm characteristics

Name of indicator	Mea. unit	Testing result	Requirements of GOST 8267-93
1. Breakability mark of 20-40 mm fraction getting by breaking of broken stone with the fraction of 40-70 mm -mass lost during testing in water-saturated form	%	1400 3.12	1400 Up to 9 inclusive
2. Scuff-resistance mark of 20-40 mm fraction getting by breaking of broken stone with the fraction of 40-70 mm -mass lost after tasting	%	И1 7.0	И1 Up to 25 incl.
3. Frost-resistance mark: saturate in sodium sulphate solution – drying: -number of cycles -mass lost during testing	%	F300  15 1.68	F300  15 No more than 2

**Decision:** on the basis of testing results and requirements of GOST 8267-93 “Mauntainous rock road-metal and gravel, industrial waste products for construction works” the broken stone mixed with a fraction of 40-70 mm belongs to group one by the form of grains, belongs to mark 1400 by crushability, belongs to mark И1 by scuff-resistance, belongs to mark F300 by frost-resistance.

Report applies only to the sample subjected to the test

Head of Constructional materials testing center

Professor

/Signature/

N.I. Yarmolinskaya

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State Budgetary Educational Institution of Higher Vocational Education  
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