

PRODUCT SPECIFICATION SHEET OF ROCK MATERIAL

Material properties of Kabalebo Stones conform the ASTM, BS EN and NEN-EN



MINING

Baitali Mining N.V.
 Duisburglaan 29, Paramaribo, SA, Suriname
 (597) 53 06 54 Fax: (597) 53 06 57

www.baitaligroup.com



PHYSICAL PROPERTIES

<i>Type of test</i>	<i>Standard</i>	<i>Test result</i>
Density (OD)		2940 kg/m ³
Density (SSD)	ASTM C127	2952 kg/m ³
Apparent Density		2975 kg/m ³
Resistance to impact and mineral fabric breakage		
Compressive strength of dimension stone	ASTM C170 / C170M ASTM D4543	176 MPa
Resistance to abrasion or wear		
Aggregate Abrasion Value (AAV)	BS EN 1097-8 : 2009 Annex A	- %
Los Angeles Abrasion	ASTM C535-03	17.0%
Micro-Deval	NEN-EN 1097-1	7.0%

Durability

<i>Type of test</i>	<i>Standard</i>	<i>Test result</i>
Water absorption	ASTM C127	0.4%
Resistance to salt crystallization		
Magnesium Sulphate soundness	NEN-EN 1367-2	2.0%
Signs of Sonnenbrand in basalt		
Sonnenbrand test	NEN-EN 13383-2 art. 10.5.2	No sign of cracks or mass loss

Material tested by:
 Baitali Pavement Testing & Technologies N.V., ISO certified laboratory

