

PRODUCT SPECIFICATION SHEET OF ROCK MATERIAL

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



MINING

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PHYSICAL PROPERTIES

<i>Type of test</i>	<i>Standard</i>	<i>Test result</i>
Density (OD)		2661 kg/m ³
Density (SSD)	ASTM C127	2675 kg/m ³
Apparent Density		2700 kg/m ³
<i>Resistance to impact and mineral fabric breakage</i>		
Compressive strength of dimension stone	ASTM C170 / C170M ASTM D4543	170 MPa
<i>Resistance to abrasion or wear</i>		
Aggregate Abrasion Value (AAV)	BS EN 1097-8 : 2009 Annex A	2.7%
Los Angeles Abrasion	ASTM C535-03	21.0%
Micro-Deval	NEN-EN 1097-1	6.0%
<i>Durability</i>		
<i>Type of test</i>	<i>Standard</i>	<i>Test result</i>
Water absorption	ASTM C127	0.5%
<i>Resistance to salt crystallization</i>		
Magnesium Sulphate soundness	NEN-EN 1367-2	1.0%
<i>Signs of Sonnenbrand in basalt</i>		
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

