

Product Name: Guyanan Bauxite
Hardness Value: 9



Shape: Angular
Size: 1-3mm

Product Description

A natural mix of mid grey and the odd light grey angular chippings for High Friction Surfacing.

Rock Type

Calcined Bauxite.

Grading Analysis



Sieve Size	% Retained	% Passing	Range
5.00mm		100	100
3.35mm		99	>90
2.36mm		64	50-70
1.18mm		0.4	<15
0.60mm		0	<2

Physical Analysis

Property	Value
Aggregate Abrasion Value - AAV	3.5
Aggregate Crushing Value - ACV	
Aggregate Impact Value - AIV	
Hardness (Mohs)	9
Magnesium Sulphate Soundness (%)	
Polished Stone value (est) - PSV	71
Skid Resistant Value - SRV	
Specific Gravity	
Relative Density (Sat. Surface Dried - SSD)	
Relative Density (Apparent) – AP	
Oil Absorbtion (% by weight)	
10% Fines Value (Kn)	
Risk of iron staining (Estimate only) – RIS	*
Performance Scale:	5

Chemical Analysis (Typical)

Element	%
Aluminium (Al ₂ O ₃)	89.6
Calcium (CaO)	
Calcium Carbonate (CaCO ₃)	
Iron (Fe ₂ O ₃)	1.25
Magnesium (MgO)	
Magnesium Carbonate (MgCo ₃)	
Manganese (MnO)	
Phosphorus (P ₂ O ₅)	
Potassium (K ₂ O)	
Silica (SiO ₂)	5.56
Sodium (Na ₂ O)	
Sulphate (So ₃)	
Titanium (TiO ₂)	3.29
Loss on Ignition	0.04