



# EUROGRIT BV

Datasheet

Calcinated Bauxite

02-01-2006

<b>Description</b>	Calcinated bauxite is made from bauxite that has been treated at a very high temperature (1450 C°). It mainly consists of the minerals corundum and mullite. The material has very hard and tough grains. The material does not contain heavy metals, carcinogenic or toxic substances.				
<b>Applications</b>	<ul style="list-style-type: none"><li>- Heat-resistant concrete</li><li>- Grinders</li><li>- Anti-skid wearing courses</li><li>- Wear-resistant and non-skid flooring applications</li></ul>				
<b>Properties</b>	Shape	:	sharp and angular		
	Colour	:	brown / red-brown		
	Hardness	:	8,5 Mohs		
	Specific density	:	3,8 kgs/dm <sup>3</sup>		
	Loose bulk density	:	1,8 kgs/dm <sup>3</sup>		
<b>Chemical Composition</b> (Indication only)	Al <sub>2</sub> O <sub>3</sub>	:	88,00 %		
	TiO <sub>2</sub>	:	4,00 %		
	Fe <sub>2</sub> O <sub>3</sub>	:	1,65 %		
	SiO <sub>2</sub>	:	4,75 %		
	MgO	:	0,20 %		
	CaO	:	0,15 %		
	Na <sub>2</sub> O	:	0,05 %		
	K <sub>2</sub> O	:	0,55 %		
	L.o.i.	:	0,15 %		
	Others	:	traces only		
<b>Grain sizes</b>			<b>B75</b>	<b>B125</b>	<b>B1000</b>
	+1000	μ %	-	-	7,0
	500-1000	μ %	-	-	40,0
	250-500	μ %	-	0,3	21,0
	125-250	μ %	0,5	3,7	12,5
	63-125	μ %	7,5	16,0	7,0
	63	μ %	92,0	80,0	13,0
<b>Packing</b>	25 of 50 kgs bags on shrinkfoiled export pallets.				

Equipment, materials and abrasives used for surface preparation can be hazardous if used carelessly. Many national regulations exist for those materials and abrasives that are considered to be hazardous during or after use (waste management), such as free silica or carcinogenic or toxic substances. Those regulations are therefore to be observed. It is important to ensure that adequate instructions are given and that all required precautions are exercised.

**EUROGRIT - AHEAD IN ABRASIVES**