

## SINTERBLAST

**TRADE NAME**

**STARBLAST®**

**DESCRIPTION**

This product is a hard and unyielding abrasive, available in angular shapes. Starblast® is made by crushing sintering Bauxite ore. Bauxite is the main ore used to produce Aluminium and consists 75% of Aluminium Oxide.

**FUNCTION**

Often used to replace brown fused aluminium oxide, it can be used with conventional abrasive blasting equipment, air-compressed pressure and suction jet-blasting equipment. Sintered bauxite is also used for the following applications: antiskid flooring, carving, etching, finishing, grinding, lapping, polishing, rock tumbling, lapidary, sandblasting, slurry mixes, surface preparation and tumbling.

**TYPICAL CHEMICAL ANALYSIS  
(full analysis on application)**

Al <sub>2</sub> O <sub>3</sub>	76.3%
SiO <sub>2</sub>	6.20%
TiO <sub>2</sub> 1.95% Fe <sub>2</sub> O <sub>3</sub> 14.1%	
CaO	0.35%
K <sub>2</sub> O	0.49%

**TECHNICAL DATA**

Hardness	9 Moh scale
Specific weight	3-4
Average bulk density	2 kg/l
Particle shape	Angular
Storage	Dry, ventilated area. Max pile up of 3 pallets
Packaging	25 kg paper bags, palletised

**SIEVING RANGE**



CODE	SIZE RANGE (micron)	PERFORMANCE CHARACTERISTICS
8/16	1200 – 2380	Often used to replace brown fused aluminium oxide. Sintered bauxite is also used for the following applications: antiskid flooring, carving, etching, finishing, grinding, lapping, polishing, rock tumbling, lapidary, sandblasting, slurry mixes, surface preparation and tumbling.
12/20	853 – 1680	
20/40	422 – 853	
30/70	211 – 599	
60/120	125 - 250	