Telephone: +27 (0) 8600 BLAST
Email: sales@blastrite.com

www.blastrite.com

GLASS GRIT

TRADE NAME

STARBEAD® GRIT

DESCRIPTION

Starbead® are high quality glass angular grains resulting from the specialized processing of selected glass cullet.

FUNCTION

Abrasive Blasting: The angular profile of crushed glass grit allow for aggressive surface profiling. The product delivers very low grit embedment and is therefore regularly specified as a secondary process to remove embedment caused by other friable abrasives. Suitable for blasting of all non-ferrous metals, weld seams prior to inspection.
Abrasive Applications: FEPA-graded for coated papers and belts, standard grades for surface finishing by blasting.
Inert Fillers: Graded to customer specifications for use as fillers in rubber, plastics, industrial flooring (non-skid), brick-fluxing agent, sintered mosaic tiles, tile glaze and filtration.
Decorative: Special effects. The angular particles in crushed glass grit allow for aggressive surface profiling and removal of coatings such as epoxy, paint, alkyds, vinyl, polyurea, coal tar and elastomers.

TYPICAL CHEMICAL ANALYSIS (full analysis on application)

SiO_2	70 – 73% (No free silica)
Al_2O_3	0.5 – 2%
NaO & KO	13 – 15%
CaO	8 – 11%
MgO	3 – 5%

TECHNICAL DATA

Hardness	6 Moh scale
Specific weight	Approx. 2.5 g/cm³
Bulk density	Approx. 1.6 kg/l
Free Silica	None
Shape	Angular
Storage	Dry, sheltered storage conditions
Packaging	25 kg bags

SIEVING RANGE

CODE	SIZE RANGE (micron)	PERFORMANCE CHARACTERISTICS
C-B24	150 - 300	Silica-free Non-toxic and inert Manufactured from 100% post-consumer recycled bottle glass, thus benefits the environment by diverting waste from landfills. Produces a whiter, cleaner finish relative to mineral /slag abrasives. Lighter weight than many slags, allowing for increased consumption efficiency and production time: up to 30–50 % less glass grit used. Free of heavy metals such as arsenic, lead, asbestos, beryllium, titanium, etc., all typically found in coal and mineral slags.
C-B48	850 - 425	

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