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## Greenblast

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Glassgrit is produced from crushed glass containers so will contain a small portion of ferrous, non ferrous, and organic oils (see general properties) The risk of cuts from the glass is minimized due to the crushing process; but as with all abrasives, personal protective equipment is recommended. The silica contained within glass grit is bonded and therefore the material contains far less than 1% free silica.

There is no ISO Standard for glass grit abrasives so materials are manufactured to a general British standard PAS 102.

### General Properties

Colour:	Various
Hardness, Mohs:	6
Specific Gravity:	2.46
Bulk Density:	1.6 g/cm <sup>3</sup>
Organic Oils:	less than 500 ppm
Metallic Particles:	less than 70 ppm

### Applications:

As the material is produced from crushed glass containers, and therefore is of secondary quality, it should not be used for applications where a primary quality glass is required. It should not be used on non-ferrous substrates due to the metallic content. Care should be taken on wood, stone and brick or any substrate which isn't going to be coated due to the presence of embedded glass which has a highly reflective nature.

If you applying a high performance coating please refer to your coatings supplier regarding acceptable levels of organic oils on the substrate.

### Grits Available:

( 0.20 - 0.7 mm )	Fine
( 0.20 – 1.50 mm )	Medium
( 1.40 – 2.50 mm )	Coarse

Typical chemical analysis (%):						
Al <sub>2</sub> O <sub>3</sub>	SO <sub>3</sub> SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> O	K <sub>2</sub> O	CaO	MgO
0.97	0.2 71.7	0.16	13.5	0.39	9.0	4.01

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