

# Glass abrasives



## Application

We can read for years in the specialized Western papers about the application of classified grit of recycled glass, as shot blasting media.

The articles speak about successful utilization of this abrasive in case of surface cleaning, surface preparation prior to painting of constructed objects, bridges, containers, concrete silos. This can also be used for removal of graffiti by means of shot-blasting. There are similar positive experiences in case of using glass media within closed technological systems, in blasting cabinets, or halls.

Great advantage of the glass abrasive is, that it is an inert, in water not solvable material, for this reason perfectly suitable for the blast-cleaning and/or surface roughening of carbon steel, stainless steel, light and colored metal, cast iron, concrete and brick wall surfaces.

## Most important properties

- Free of silicosis
- Does not contain heavy metals
- Does not contain poisoning materials
- In environment protection point of view it is a suitable blasting media for use in sensitive areas, like neighboring areas of natural waters, wells.

## Physical properties

- Colour: greenish grey
- PH neutral
- Sharp shaped
- Bulk density: 1,2 kg/dm<sup>3</sup>
- Hardness: Mohs 6

SiO <sub>2</sub>	72%
Al <sub>2</sub> O <sub>3</sub>	1,00%
K <sub>2</sub> O	3,00%
MgO	4,00%
CaO	5,00%
Na <sub>2</sub> O	13,00%

## Application

Sizes:	0,00—0,20 mm
	0,20—0,50 mm
	0,50—1,00 mm
	1,00—2,00 mm

