



GLASSOX™

A B R A S I V E S

Why Use Recycled Crushed Glass Abrasive?

GlassOx™ is recycled crushed glass. Recycled crushed glass abrasive makes an excellent substitute for mineral slags (such as coal and copper slag), as well as silica sand. Worker safety is the biggest reason to substitute crushed glass for slags or sand.

When blasting with mineral slags they are likely to exceed the OSHA PEL for airborne exposure to beryllium, a dangerous toxic metal that can cause lung disease. Silica sand is a source of crystalline silica, a mineral form of silica that causes silicosis, a deadly lung disease.

You can eliminate the health hazards associated with the beryllium and crystalline silica by using crushed glass; and you can safely comply with the regulatory issues associated with using slags and silica sand by engineering them out of your abrasive blasting operations and substituting crushed glass abrasive.

Crushed glass abrasive has physical properties similar to slags and sand that makes it an excellent replacement. The hardness and density of crushed glass abrasive compare favorably to slags and sand and therefore, offer comparable performance. (See the table below.)

