

# New Age Abrasives

## What is New Age Abrasive?

New Age Abrasives

- Manufactured from 100% Recycled Bottle Glass.
- The use of post-consumer glass directly benefits the environment by reducing landfill waste.
- The manufacturing process reduces the glass and strips the contaminants and waste by-products from the glass.
- The product is then sized and screened to the exact specifications needed for various Abrasive Blasting needs.
- Bottle or Tri-Mix Glass is chemically known as "Amorphous Silica". It has virtually no crystalline-silica which is commonly found in sand. Crystalline Silica is the leading cause of Silicosis.

### Approvals:

Approved by California Air Resource Board under:  
[Title 17 for Abrasives Certified for Outdoor Blasting](#)

Approved by NAVSEA of the US Military for listing on the:  
[Qualified Product List \( QPL \) under Mil-A-22262B](#)

## Benefits of New Age Abrasive

### Applications

- Similar hardness to many slags, 6.0 on Mohs Scale
- Lighter weight than many slags, allows for increased consumption efficiency. Contractors report using up to 40% less glass than slags or other mineral abrasives.
- **Recommend to use at 90 PSI for best results and increased energy savings.**
- Glass delivers very low particle embedment (**less than 2%**) which produces a **whiter** (SP-10) finish to the substrate.
- Superior rust-back performance vs. mineral/slag abrasives.
- Reduced disposal costs due to less weight and consumption.
- Approved for use on QPL under [Mil-A-22262B](#) ( select product and plants only )

## New Age Abrasives

### **Safety/Environment**

- 100% recycled material which is diverted directly from landfills.
- Glass is chemically non toxic and inert. Can be used near water.
- **No detectable CRYSTALLINE SILICA**
- **No detectable Heavy or Toxic metals** such as arsenic, beryllium, cadmium, etc. which are commonly found in coal-slag, copper-slugs and many mineral abrasives like garnet and staurolite. [\\*OSHA list of Heavy & Toxic Metals](#)
- Our **Coarse & Medium** products are approved on the [California Air Resource Board's List](#) of ABRASIVES CERTIFIED FOR DRY OUTDOOR BLASTING UNDER [EXECUTIVE ORDER G-06-053](#)
- Glass is listed on the [EPA's Comprehensive Procurement Guidelines for Blasting Grit.](#)
- Numerous government studies in the U.S. and Europe have confirmed the safety, environmental and work effectiveness of using recycled glass abrasives.\*

\* [NIOSH](#) report on Evaluation of Substitute Abrasives for Silica Sand - See Page 142 of report for Key Conclusions on Industrial-Hygiene Related Issues on benefits of crushed glass.