

NOVETAS SOLUTIONS LLC

INTRODUCING.....

NEW AGE BLAST MEDIA®!!!

- Manufactured from **100% Recycled Bottle Glass**.
- The use of post-consumer glass benefits the environment by **reducing landfill waste**.
- The manufacturing process cleans and grinds the recycled glass into a usable industrial grade, expendable abrasive which can replace more hazardous slag/mineral abrasives.
- The product is sized and screened into multiple specifications needed for various Abrasive Blasting needs. Can be used for dry or wet blasting applications.
- Bottle or Tri-Mix Glass is chemically known as "*Amorphous Silica*". It contains virtually **no free-silica** which is commonly found in blasting sand.

NEW AGE BLAST MEDIA PERFORMANCE BENEFITS!!!

- Angular particles allow for aggressive surface profiling and removal of coatings such as epoxy, paint, alkyds, vinyl, polyurea, coal tar and elastomerics.
- Similar hardness to many slags, 6.0 on Moh's Hardness Scale
- Lighter weight, allows for increased consumption efficiency and production time. Contractors report using 30% less glass than slags or other mineral abrasives.
- Very low particle embedment produces a whiter (SP-10) finish to the substrate.
- Less salts/chlorides mean superior rust back performance vs. mineral/slag abrasives.

HEALTH/ ENVIRONMENT BENEFITS!!!

- **100% recycled material** which is diverted directly from landfills.
- Glass is chemically non toxic and inert. It can be used near and around water.
- **No FREE SILICA** - will not cause Silicosis.
- **No Toxic Metals** such as arsenic, beryllium ,nickel ,lead etc. all commonly found in coal ,copper , nickel slags and some mineral abrasives.
- No radioactive components as found in some slags.
- Approved by the **California Air Control Board (CARB)**
- Approved by Navsea in NJ on the QPL under **Mil-A-22262B Blasting Grit**
- Approved for use on the **QPL** for the **Strategic Petroleum Reserve**.
- Glass is listed on **EPA's Comp. Procurement Guidelines** for Blasting Grit!

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Field Success Story: **New York State Dept of Transportation** **Bridge Repair Team , Region 8** **October 2008**



Location: West Nyack, NY

NYSDOT Bridge repair teams are responsible for maintaining the thousands of Bridge overpasses for NY's complex road system. Part of this work involves insuring that the joists that run across each overpass have the proper padding installed between the metal joists. In order to get at the padding, crews must remove the existing concrete around the joist and then prepare the surface to accept the new padding and road repair mixture.

The surface prep requires open air grit blasting. **NYSDOT** was interested in trying **New Age Blast Media** and compare it to their current media like slags or garnet. Bridge Repair Region 8 conducted tests on several over passes using **New Age Blast Media's Medium** grade product. The feedback from the team supervisor Steve Vance Has been extremely positive. The team like the speed and cutting power of New Age. It also produced a whiter metal finish than their other media. The fact that the product is silica free, has no toxic metals like slags and was safe for the environment has led **NYSDOT** to continue to explore additional areas to utilize **NABM**.

Joist Before Blast



Joist After Blast

