

THE DAILY NEWS

Temple University's **GREEN KNOWLEDGE** lends a hand in producing New Age Blast Media®!!!!



Members of Temple University donate their recycled bottles and scrap art projects to help Novetas Solutions manufacture their product, New Age Blast Media®, a 100% recycled crushed glass abrasive.



Glass recycled from Temple University was used in the recent restoration of the Market Street Bridge of Philadelphia, PA.

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[Temple University](#) takes recycling very seriously. In calendar year 2008, Temple recycled 1,574 tons of materials. That's 3.15 million pounds diverted from a landfill, over 16,400 trees saved, 14.25 billion BTU's of energy conserved, and 1,235 tons of greenhouse gases not emitted!

Temple University's **Tyler School of Art** has teamed up with **New Age Blast Media®** in providing their recycled glass as a raw material to re-use in the manufacturing process of **New Age Blast Media®**- a 100% recycled crushed glass abrasive. Under the guidance of Temple's recycling coordinator, Marshall Budin, NABM's NJ Facility has recently begun accepting shipments of recycled glass, and plan to continue their eco-friendly relationship in the future.

"Efforts by Temple University not only help save landfill space, they aid in additional resources for NABM basic materials. We are proud to be affiliated with Temple, and appreciate their go green initiative." says Stephen Mellon, sales manager.

The Process



The manufacturing process reduces the recycled bottle glass and strips the contaminants and waste by-products from the glass.



This filtered glass is then crushed into the desired sizes, screened to be sorted into different grades from course and medium and all the way down to a fine powder.



Bottle or Tri-Mix Glass is chemically known as "Amorphous Silica." It has virtually no crystalline-silica, which is commonly found in sand.



The finished product is then bagged in 50lb, 80lb, or 3,000lb super sacs and packaged for shipment!

TEMPLE UNIVERSITY GLASS RECYCLING PROGRAM

- **ALL CLEAN, CLEAR FURNACE GLASS IS RE-USABLE AND MUST BE RECLAIMED IN THE GRAY TRASH BIN IN THE FURNACE ROOM.**
***Casting has a dedicated recycle bin.**
- **All other glass: color, window, quenched, bottle and stained glass must be cooled, drained and emptied into LARGE BLACK RECYCLING DRUM. DO NOT PUT WATER OR NON-GLASS TRASH IN BLACK RECYCLING DRUM. *Minimal dust and sand is acceptable.**

NO WATER IS TO BE EMPTIED INTO BLACK RECYCLING DRUM!!!



- **Any hollow forms must be broken into pieces to reduce air pockets in drums. If you throw it away, you are responsible for safely breaking your work.**
- **Black recycling drums must be filled no more than 2 inches from the top. You must never fill above this point. When the drum is nearing capacity, Housekeeping will exchange drums. If a Housekeeper isn't available, retrieve an empty drum from the drum storage area on the loading dock. UNDER NO CIRCUMSTANCES ATTEMPT TO MOVE A FULL DRUM.**
- **Glass discards will be converted into blasting media by New Age Blast Media. Recovered glass makes an ideal blasting media used in a wide range of applications from paint and corrosion removal to masonry reconditioning.**

THANK YOU!