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## Clemtex Blasting Abrasives

All Grades are less than 1% Free Silica & Stocked in Clemtex Warehouses

### Black Beauty



Black Beauty is a mineral slag that has sharp diamond-like cutting edges, and does not attract moisture, while providing fast cleaning rates, and an excellent anchor profile for a superior coating adhesion. **Grades** – BB-2 extra coarse, BB-3 medium, BB-4 fine, BB-6

extra fine. **Packaging** – 50# bags, 100# bags, 3000# bulk bags, 25 ton bulk loads

### Green Diamond



Green Diamond is a mineral slag that has sharp cutting edges, well graded and very clean, while providing superior cleaning rates, and a containment free surface for superior coating adhesion. **Grades** – GD-2 (8/16 mesh) for marine and utility cleaning, GD-3 (16/36 mesh) for all purpose blasting, GD-4 (20/50 mesh) for new steel blasting and GD-6 (30/50) for general cleaning.

**Packaging** – 50# bags, 100# bags, 3000# bulk bags, 25 ton bulk loads.

### Green Lightning



Green Lightning is a naturally occurring mineral "Olivine" that is well graded and is generally used in blast rooms and cabinets. **Grades** – GL2.8 (40 mesh), GL2.0 (70 mesh), GL1.0 (100 mesh). **Packaging** – 50# bags, 100# bags

### Starblast XL



Starblast is a naturally occurring mineral "Staurilite" that is fast cleaning and is generally used in blast rooms and cabinets. **Grades** – STR XL (40/80 mesh). **Packaging** – 50# bags.

### Garnet



Garnet is a naturally occurring mineral that is precisely graded, fast cutting, may be recycled many times, and is used in blast rooms and cabinets. **Grades** - #16GAR (16 mesh), #36GAR (36 mesh), #60/80GAR (60/80 mesh), #80WS (80 mesh) graded specifically

for water-jet cutting, #150GAR (150 mesh). **Packaging** – 100# bags.

### Aluminum Oxide



Aluminum Oxide is fused alumina grains that are hard, blocky and tough for extra fast cutting action that is precisely screened for "specification use" which may be reclaim many times and is ideal for blast rooms and cabinets. **Grades** - #16, #24, #36, #54,

#60, #80, #100, #120, #150, #180, #220 (finer grades are excellent for turbine blade cleaning). **Packaging** – 50# bags.

### Steel Grit



Steel Grit is a high carbon angular pellet that is made in the range of hardness 32 to 65 Rockwell C which is highly recyclable producing minimal dust and used primarily in blast rooms. **Grades** – GR-14, GR-16, GR-25, GR-40, GR-50, GR-80. **Packaging** – 50#

bags, 55 gallon drums.

### Steel Shot



Steel Shot is a high carbon, cast steel round media that is hardened and tempered that is used in centrifugal wheel blast machine and also used in applications requiring peening and hardening of critical surfaces. **Grades** – S-110 (.011" dia.), S-170 (.017" dia.), S-230 (.023" dia.), S-280 (.028" dia.), S-330 (.033" dia.), S-390 (.039" dia.), S-460 (.046" dia.). **Packaging** – 50# bags, 55 gallon drums.

### Glassbeads



Glassbeads are microscopic spherical glass beads used in wet honing and dry blasting for cleaning, polishing, peening, de-burring and finishing operations achieving very close tolerances. **Grades** – 25/45 mesh, 50/80 mesh, 60/100 mesh, 70/140 mesh, 100/200 mesh, 170/325 mesh. **Packaging** – 50# bags.

### Walnut Shells



Shellblast is a soft grit abrasive that is non-sparking, and will not scratch, pit or damage metal, also excellent for cleaning precision parts, impellers, electrical connections, and soft metals. **Grades** – AD-0B (4/6 Mesh), AD-1B (6/10 Mesh), AD-3B (12/20 Mesh), AD-6B (20/40 Mesh), AD-9B (40/100 Mesh). **Packaging** – 50# bags.

### Corn Cob Grit



Grit-O-Cob is the crushed inner core of corn cobs and is a highly absorbent, non-sparking media that cleans electrical components and soft metal fast with no abrasion to the surface, and it also used in tumbling equipment. **Grades** – 8/14 Mesh, 14/20

Mesh, 20/40 Mesh. **Packaging** – 50# bags.

**NOTE: O.S.H.A. Standard PB-246-697 states**  
"...because silica sand is such severe silicosis hazard,  
abrasives with less than 1.0% free silica should be  
used as a substitute..."

# CLEMTEX



## Corrosion Control Equipment and Supplies

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## Clemtex Anchor Pattern Standards

The CAPS (Clemtex Anchor Pattern Standards) are designed for the purpose of a quick field inspection of a blast cleaned surface to determine anchor pattern depth within 1/2 Mil.

The anchor pattern is all-important to protective coatings in that it provides excellent coating adhesion. It is important that the anchor pattern be uniform over its entire surface. This is accomplished using a clean, well-graded or sized abrasive.

The chart included will aid in obtaining the proper abrasive size specified.

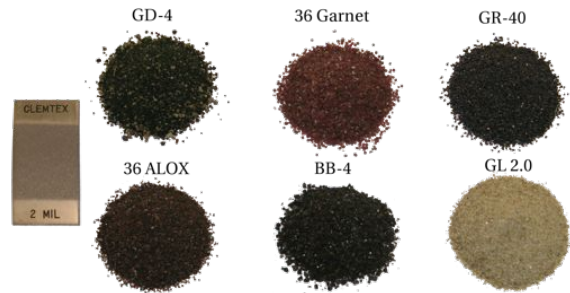
It should be remembered that abrasive sizes vary and a close inspection of size tolerance (approx. 10%) should be maintained, especially where abrasives are reclaimed and re-used. Reclaimed abrasives should be angular and not rounded and free from oil, grease, iron oxide, etc.



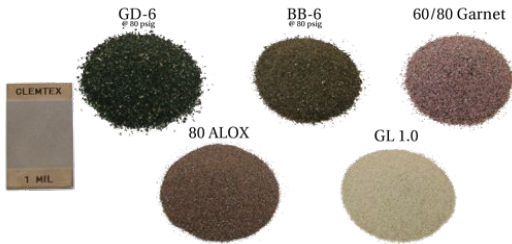
### 0.5 MIL



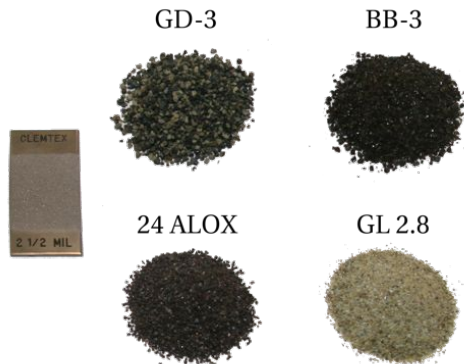
### 2.0 MIL



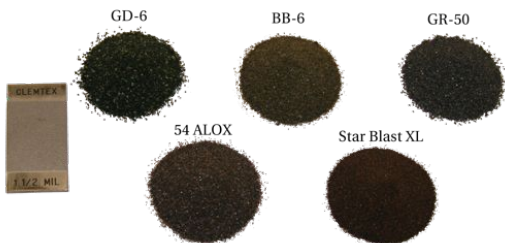
### 1.0 MIL



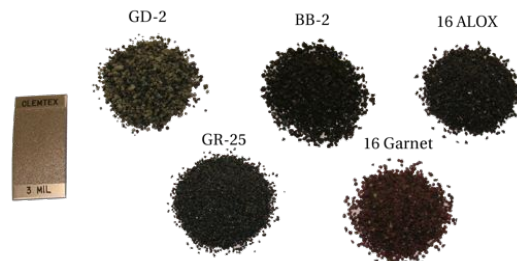
### 2.5 MIL



### 1.5 MIL



### 3.0 MIL



NOTE: 100 psig should be used for those not already stated.

"We stock the most complete line of Corrosion Control Equipment and Supplies in the Southwest."