

WHITEBLAST™

BUILT TO CLEAN, MADE GREEN.

WhiteBlast™ is produced from post-industrial plate glass. Our 100% recycled material is chemically inert and environmentally friendly.

Our product produces a clean, bright and natural finish. Dust occurring from blasting is translucent, offering better visibility to the surface for the operator.

Product is available in 50lb bags, Super Sack(≤3000lbs) and bulk truck.

For more information we invite you to contact us for sample and more information.

BLAST WITH GLASS

Our angular particles cut fast and provide a clean, bright & natural finish

ENVIRONMENTALLY FRIENDLY

Less than 1% free silica, inert, and Beryllium is not listed on our SDS.

VERSATILE

Suitable for dry & wet blasting, indoor or outdoor applications.

SIZING & SPECIFICATIONS

*Common industrial applications
& custom sizes are available.*



Coarse – 10x30 Mesh | # 2

Very-coarse granular mix to be used for heavy mill scale, contaminant and rust removal. Produces 3+ mil profile on steel applications.



Medium – 20x40 Mesh | #3

Medium granular mix to be used for medium mill scale, contaminant and rust removal. Produces 2-3 mil profile on steel applications



Fine – 40x80 Mesh | #4

Fine granular mix to be used for fine profiling and on soft metal (non-ferrous) surfaces. Produces up to 2.5 mil profile.



Xtra-Fine – 80 Mesh | #5

Xtra-Fine granular mix to be used for cleaning delicate surfaces. Quality substitute in baking soda, corn starch and walnut shell applications.

TECHNICAL DATA

| | |
|-----------------------------|------------------------|
| SPECIFIC GRAVITY | 2.50 |
| DENSITY | Approx. 80 lbs/cu. ft. |
| HARDNESS | Approx. 6.0 (Mohs) |
| CHLORIDES | <0.0002% |
| EMBEDMENT AT 100 PSI | 0.0% to 0.4% |
| SHAPE | Angular to sub-angular |
| LOI | 0.35% |
| SOFTENING POINT | Approx. 1,350°F |

| TYPICAL COMPOSITION | | | |
|------------------------|-----|--------------------------------------|-----|
| SiO ₂ | 73% | MgO..... | <1% |
| Na ₂ O..... | 14% | Al ₂ O ₃ | <1% |
| CaO..... | 10% | SO ₃ | <1% |

| | Coarse 10x30 | Medium 20x40 | Fine 40x80 | XFine 80 Mesh |
|------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| SSPC AB -1 | Grade 4 | Grade 3 | Grade 2 | Grade 1 |
| Profile Range | 3.0-5.0 mil | 2.0-3.5 mil | 1.0-2.5 mil | 0.5-1.5 mil |
| Typical Profile | 3.8 mil | 3.1 mil | 2.3 mil | 1.5 mil |
| Surface Finish | SP -5 | SP -5 | SP -5 | SP -5 |
| Target Average Particle Size | 850 | 450 | 250 | 170 |
| Consumption | 1.8 lb / ft ² | 1.6 lb / ft ² | 2.2 lb / ft ² | 3.4 lb / ft ² |
| Speed | 1.61 ft ² / min | 2.47 ft ² / min | 1.46 ft ² / min | 0.86 ft ² / min |
| Coating Thickness | 6.3 | 6.0 | 5.9 | 5.9 |

The following results are based on a dry blasting application with primered epoxy coating removal on painted steel, with a nozzle size #4 and 100 PSI.