

# TRUABRASIVES

TruAbrasives are carefully sourced and processed. Strict, custom-designed specifications allow for a high-quality, high-performing, crushed glass abrasive. By using the proper blast methods, your glass performance is maximized. Our crushed glass abrasive is superior to other abrasives in a variety of applications, for performance, health and environmental benefits.



100%  
Recycled  
Glass,  
Made in  
the USA



CARB & QPL  
Approved,  
Mil-Spec,  
SSPC AB-1,  
Class A,  
MIL-A-22262B(SH)



Less than  
1% silica,  
non-reactive  
and inert,  
Beryllium  
is not listed  
on SDS



Superior  
profile,  
cut speed,  
consumption  
rates



White post-  
blast finish,  
translucent  
dust for  
increased  
visibility

## GRADATIONS & PROFILE GUIDE

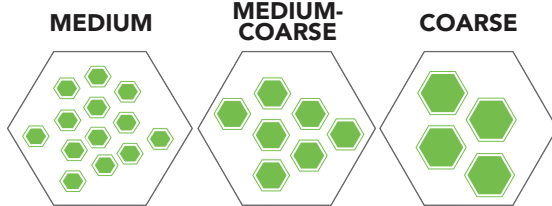
Available in 50lb bags (40 bags per pallet), super sacks (up to 1.5 tons/3,000 lbs) and bulk.

### Typical Physical Properties:

Typical Mohs  
6.0 Mohs

Average  
Microhardness  
557 Knoop (Hk)

Specific Gravity  
2.53 g/cm<sup>3</sup>



SSPC-AB 1	Grade 2	Grade 3	Grade 4
Profile Range	1.0 - 2.5 mil	2.0 - 3.5 mil	3.0 - 5.0 mil
Typical Profile	2.3 mil	3.1 mil	3.8 mil
Surface Finish	SP-5	SP-5	SP-5
Target Average Particle Size (Microns)	250μ	450μ	850μ

## COMPARATIVE PERFORMANCE DATA

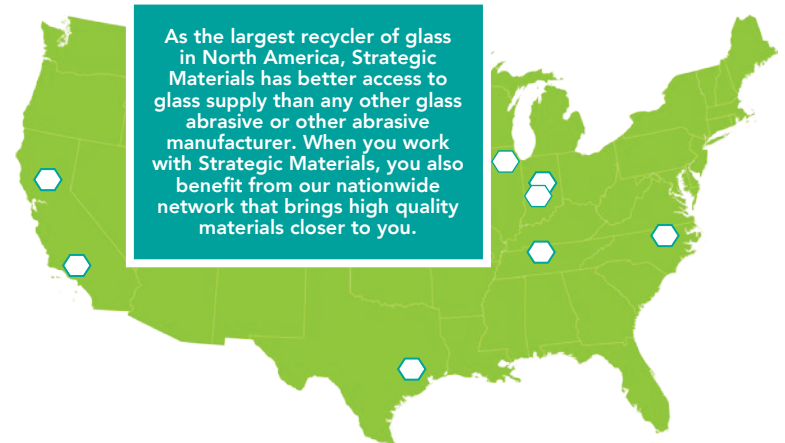
Abrasive Media	Dust Generation	Cleaning Rate (ft <sup>2</sup> /min)	Surface Depth (mils)	Microns (μ)
Brand Name Coal Slag	14%	1.45 (coating) 1.02 (CRS)	4.3	730 μ
TruAbrasives Crushed Glass	9.7%	1.71 (coating) 2.01 (CRS)	3.5	580 μ

31% less dust generated ✓

97% higher cleaning rate ✓

Results were verified by an independent testing laboratory on cold rolled steel.

## COAST-TO-COAST COVERAGE



### LOCATIONS

CA, Commerce    IN, Hartford City    IL, Chicago    TN, Ashland City  
CA, Fairfield    IN, Indianapolis    NC, Wilson    TX, Houston

## TECHNICAL TIPS FOR BLASTING

### NOZZLE SELECTION

The compressor must be able to supply enough air to maintain 90-100 PSI at the nozzle. The bigger the nozzle, the higher CFM (cubic feet per minute) required. Recommended nozzle sizes are #4-#8. Nozzle size #4 will be best for TruAbrasives Medium and Fine grades.

### METERING VALVE & BLASTING

Nozzle pressure should be set to 90 PSI at the nozzle. Adjust the abrasive metering valve for "optimal" flow (cutting) before starting to test.

### ADJUSTING METERING VALVE

1. Fully close the valve
2. Begin blasting on target
3. Open valve (each valve is different, normally to about 3.5 turns), until you start to see abrasive in the blast stream
4. Note cutting speed/effectiveness
5. Adjust by ¼ turns up or down, based on initial setting results
6. Proceed until you achieve optimal performance/productivity

## SPECIFICATIONS

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	0.08%
SOFTENING POINT	Approx. 1,350°F

## TYPICAL COMPOSITION

SiO <sub>2</sub>	73%
Na <sub>2</sub> O	14%
CaO	10%
MgO	<1%
Al <sub>2</sub> O <sub>3</sub>	<1%
SO <sub>3</sub>	<1%



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