

ABRASIVE SPOTLIGHT - STARBLAST®



Starblast® blasting abrasives are a loose blend of uniformly sized coarse and fine staurolite sands that have clean, rounded surfaces. It strips fast but is less aggressive leaving a cleaner and shallower profile that looks great. It performs best when a lean abrasive mixture is used resulting in reduced media consumption.

Benefits Include:

- High Efficiency (Very Fast)
- Very Low Free Silica
- Low Dusting (High Visibility)
- Less Waste For Disposal
- Excellent Surface Preparation
 - Fewer Embedded Particles
 - Good / Attractive Profile
 - Less Paint Needed
- Moderately Recyclable

Common Uses:

- General-purpose abrasive used in steel fabrication and bridge maintenance to remove rust, mill scale, and weathered coatings.
- Removal of light / loose paint
- Powder coating surface preparation - Very Good.

Available Varieties

BIASILL®

60 / 90
Grit

1.5 - 1.7 mil
Profile

3% Typical / <5% Guaranteed
Free Silica

Biasill® is a slightly finer grade of staurolite sand than the coarser Starblast® blasting abrasives and is CARB Certified. It is most useful where mill scale and light rust are to be removed and in applications where a shallow profile is desired. Its fine grade allows it to be used on softer substrates, such as aluminum, composites, fiberglass, and similar materials.



BIASILL DATA SHEET

STARBLAST®

54 / 90
Grit

1.8 - 2.2 mil
Profile

3% Typical / <5% Guaranteed
Free Silica

STARBLAST® XL

54 / 90
Grit

1.8 - 2.2 mil
Profile

<1% Guaranteed
Free Silica

Starblast® & Starblast® XL are general purpose abrasives that provide excellent surface preparation for wet and powder coatings. They quickly remove mill scale and light loose paint using a lean mixture for better efficiency. The grains are rounded but heavy weight providing faster stripping with a shallower profile and less embedded particles than other typical aggressive abrasives. Starblast® XL has a lower crystalline silica content than Starblast® and meets the most stringent industry and military specifications.



STARBLAST DATA SHEET

STARBLAST® ULTRA

30 / 80
Grit

2.5 - 2.7 mil
Profile

3% Typical / <5% Guaranteed
Free Silica

Starblast® ULTRA is designed for those applications that require a more aggressive abrasive, such as steel maintenance, heavy rust, and paint removal. It offers the same benefits including high efficiency, low dusting, and excellent surface preparation as other Starblast® abrasives in a more aggressive grit size.



ULTRA DATA SHEET

COARSE STARUOLITE

30 / 60
Grit

2.5 - 2.7 mil
Profile

3% Typical / <5% Guaranteed
Free Silica

Coarse staurolite sand is ideal for removing a heavier paint film than that which can be removed with our other blasting abrasives. Coarse staurolite sand offers the same great advantages as Starblast® and Starblast® Ultra.



COARSE DATA SHEET

Using Starblast®

Starblast® works in all air-blast equipment designed for loose abrasives at a much leaner abrasive/air ration. Adjusting the correct amount of feed is done by starting the blast operation with the abrasive feed valve in the closed position. Slowly open the feed valve until the abrasive stream is just visible. At this point, slowly close the feed valve until the abrasive stream can no longer be seen. (Generally it is better to feed too little Starblast® than too much)

Starblast® can make a good blasting operation even better. It cannot, however, produce maximum value if poor blasting practices are used, such as low air pressure, incorrectly sized or worn nozzles, or improper abrasive feed rates.

Recommendations:

- Minimum air pressure + 90 PSIG over 100 is better
- Valves and nozzles should be in "like new" working condition
- Consider a nozzle one size smaller than "normal"
- Lean abrasive mixture is critical
- In most cases, more is not better.

IF STARBLAST IS USED LIKE SAND OR SLAG IT WILL PERFORM POORLY!

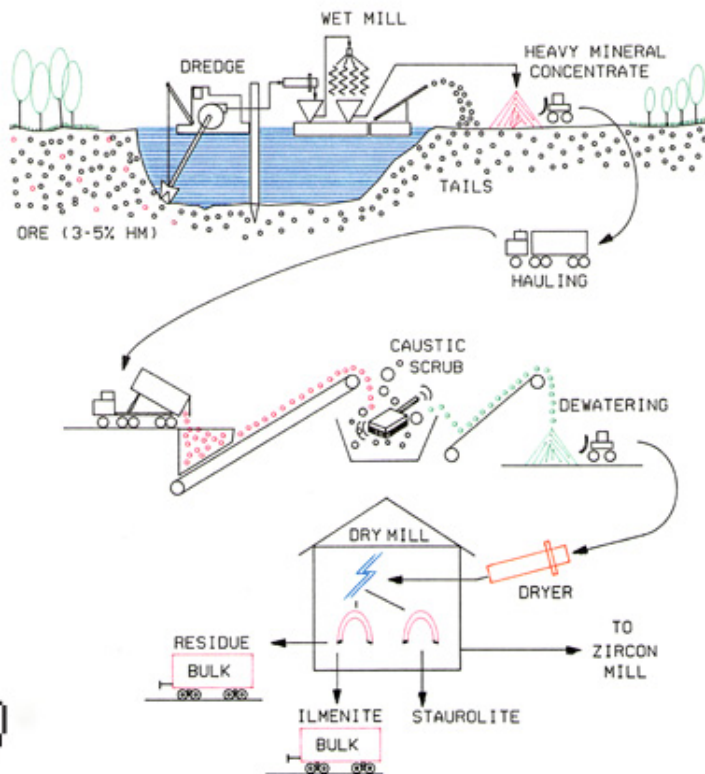
Where Does Starblast® Come From?

Starblast® abrasives are mined from DuPont™ mineral deposits in Northeast, Florida. The naturally occurring sands are washed to ensure freedom from dirt, dust, and ultrafines.

The mining process involves dredging the raw material from the bottom of a flooded area, separating the 2% useful material out with a floating wet mill, and returning the 98% remaining material back to the area. The natural vegetation is then restored as the mining operation moves on.



DuPont™ Wet Mill Operations In Northeast, Florida
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IDS Blast® is an authorized "direct-from-the-factory" distributor of Starblast® abrasives.

Call us today at **800-800-0665** to request a quote!

Distributed By:



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