

What Is Greener Blast?

1. Wet abrasive technology incorporates three different elements. These include: H₂O, compressed air, and an aggregate of choice all working as one. The Greener Blast, Inc. method of cleaning follows NACE/SSPC, Joint Surface Preparation Wet Abrasive Blasting standards (to be referenced as WAB in the remainder of the document), “Use of an abrasive slurry under pressure to achieve the specified WAB degree of cleanliness” Item 1.1 Element 3.

Process:

- I. Mix abrasive and water in pressure vessel.
- II. Hydraulically pressurize vessel with pneumatic water pump.
- III. Aggregate travels through system under hydraulic pressure and into compressed air stream.
- IV. Air stream carries aggregate down the blast hose and out of the nozzle propelling it to a desired surface.
- V. Minimal abrasive coupled with water result in maximum efficiency. As a result, each particle travels at a much higher rate of speed in the blast hose optimizing cleaning rates.

How Is It Achieved:

Cleanliness & Efficiency

2. The lack of an abundance of abrasive and use of water creates a nearly dust free work environment. By using only a fraction of the abrasive, 100-200 lbs. per hour, the environmental impact is far less than traditional methods of dry blasting. Garnet (ex, machine is not limited to specific material), a clean product, is the most efficient abrasive in the equipment. Therefore, a clean product is being used and disposed of and at a fraction of the volume.

3. The Greener Blast machines will consume 150-200 lbs. of abrasive per hour with a #8 nozzle while removing 20 mils of coatings with garnet (+/-).

4. The Greener Blast machine will consume 1-2 lbs. of abrasive per square foot with a #8 nozzle using garnet.

5. The Greener Blast WAB machine minimizes required containment by:

- Consuming 80% less abrasive (compared to traditional dry methods).

- Combining water and abrasive.

- Surface coatings and contaminants emulsify with the water and grit. Nearly eliminating airborne dust.

- Utilizing a hard abrasive, such as garnet, eliminates fracturing on contact with the surface being prepared.

- Garnet, a dust free product in bag, will reduce airborne dust.

Get in touch with
Greener Blast today

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