

**Technical Bulletin VG-002:
Sandblasting with Pressure Washers**

<p>VitroGrit® abrasive is available in 50 or 90-lb. paper sacks for the following pressure washer systems:</p>	
<p>• Fine</p>	<p>VG#50 25 X 70 mesh 1.5 – 2.5 mil profile</p> <p>For paint removal and cleaning prior to painting all types of metal and concrete surfaces with higher mil profile</p>
<p>• Extra Fine</p>	<p>VG#60 50 X 90 mesh 1.0 – 2.0 mil profile</p> <p>Excellent for cleaning metal surfaces, such as aluminum, stainless steel, and even fiberglass and concrete</p>
<p>• Super Fine</p>	<p>VG#70 60 X 90 mesh 0.5 – 1.0 mil profile</p> <p>Lighter duty fine blasting on substrates requiring minimal etching or profile such as aluminum, wood, fiberglass, polished granite or marble. Good graffiti removal agent with minimal damage to the substrate.</p>
<p>• Powder</p>	<p>VG#100F minus 90 mesh 0.5 or less mil profile</p> <p>Extra fine cleaning, brightening, fine honing, polishing, deburring.</p> <p>Excellent for graffiti removal and cleaning metal, glass, wood, concrete and polished stone surfaces without damaging the substrate.</p>

Cleans Efficiently
Steel • Aluminum • Stainless • Concrete
Fiberglass • Wood • Stone Surfaces

Sandblasting with a pressure washer is a superlative way to clean all types of surfaces without investing in expensive equipment, minimizing the airborne dust that is typical with dry blasting.

The process requires a standard pressure washer, preferably with more than 3,000 PSI capacity, and a sandblasting attachment available from your pressure washer dealer. These units can be purchased or rented.

An ideal abrasive is VitroGrit® -- a crushed glass abrasive locally manufactured from recycled glass by TriVitro Corporation in Kent, WA. VitroGrit® is normally stocked by your pressure washer dealer.

This abrasive is lightweight, clean and comes in a variety of grit sizes for different applications. It contains no hazardous elements like heavy metals or crystalline silica, and is safe for disposal in a trash dumpster.

Note: Paint surfaces containing lead should not be sandblasted without proper lead containment procedures. Contact TriVitro Corporation if you are going to remove lead-based coatings.

Specific Directions for Use are described on the back side of this document.



Directions for Use

1. Set up the pressure washer as per manufacturer's operating instructions and install the sandblasting attachment to the end of the wand.
2. Use the following required safety equipment: safety glasses, ear plugs, and gloves.
3. Place the VitroGrit® abrasive in a 5-gallon pail or similar container, but keep it dry. Insert the pickup tube into the abrasive.
4. Start the pressure washer and face the surface to be blasted with the trigger in hand.
5. Pull the trigger to start the water flow. The flow of the water will pick up the abrasive from the pail, mix it with the stream of water, and apply it to the blast surface.
6. Slant the wand at a low angle to the blast surface and sweep over a small area of approximately 2' x 2' to "prep" the surface. Come back over the area, holding the wand at a low angle, and "burn" off the surface. Move quickly until you become accustomed to the length of time you must stay in one spot before moving on. The distance of the nozzle from the blast surface can be varied; start at roughly 18" to 24" from the surface and experiment. Continue to adjust your speed and distance until you achieve the productivity and surface cleaning action you desire. With some practice you'll find what works best for you.
7. Consumption of VitroGrit® will vary considerably with the type of coating, thickness of the coating, size of pressure washer being used, and your expected result. Normal consumption is approximately 50 lbs of abrasive within 20 to 30 minutes of blasting using a 3,000-PSI washer.
8. Caution should be used when pressure-washing wood with abrasives, especially soft woods like cedar. As soon as the coating is removed, the abrasive will quickly raise the grain on soft woods. Move fast, use very fine abrasives, and keep a good distance back from the surface.
9. Spent VitroGrit® can be swept or vacuumed up and disposed in a trash dumpster, *unless the paint removed contains lead.*
10. MSDS available from your dealer, from TriVitro Corporation, or online at www.trivitro.com

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