

**Business Name:** Superior Surface Prep and Repair  
**Address:** 12709 Co Rd 87, Lakeview, OH 43331  
**Phone:** (567) 825-3443

## Superior Surface Prep and Repair

Professional, fully insured mobile sandblasting company that handles projects from start to finish. Servicing Lima, OH, Columbus, OH, Lakeview, OH, Wapakoneta, OH, Bellefontaine, OH, Marysville, OH, Dublin, Oh, Westerville, Oh, Fort Wayne, IN, West Liberty, OH, Dayton, OH, Huber Heights, OH, Ada, OH, Toledo, OH, Findlay, OH

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12709 Co Rd 87, Lakeview, OH 43331

### Business Hours

- Monday thru Friday: 7:00am to 5:00pm
- Saturday: Closed
- Sunday: Closed

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If you have actually ever viewed a dry blaster remove rust or old paint in a fog of white dust, you know the two sides of traditional sandblasting. It is quick and reliable, yet unpleasant and disruptive. Dustless blasting keeps the efficient side of blasting and significantly decreases the cloud. By injecting water into the blast stream and combining it with a determined abrasive, you get control. Surfaces tidy much faster, ambient dust drops sharply, and neighbors do not come outside questioning what storm rolled in.

I have actually run mobile blasting rigs through tight domestic alleys and down long refinery corridors. The exact same core concept works in both settings, but the way you set up, contain, and surface makes the difference between a neat, predictable day and a costly clean-up. Below you will find practical methods that translate from garage doors and pool decks to bridge beams and procedure tanks, in addition to numbers you can count on, media options that matter, and the little decisions that keep jobs on time.

## What dustless blasting really does

At the nozzle, compressed air carries a mix of water and abrasive. The water does two jobs. It knocks airborne dust out of the airstream and it cushions particle effect, which secures fragile substrates. The abrasive does the cutting. The ideal blend lets you tune hostility. With crushed glass at 60 to 90 psi and about a 10 to 20 percent water flow, you can get rid of stopping working paint from brick without chewing mortar. Bump pressure to 100 to 120 psi and change to a tighter mesh garnet, and mill scale on structural steel disappears while you develop an uniform anchor profile for coatings.



Performance differs by substrate and covering, however field averages hold up. Residential paint removal on wood siding usually cleans at 80 to 150 square feet per hour with a light profile. Heavy industrial coatings, two to three layers thick on steel, tend to perform at 40 to 80 square feet per hour depending upon finishing perseverance and nozzle size. Dust decrease is obvious to the eye. Effectively tuned rigs typically cut visible air-borne dust by 80 to 90 percent compared with dry blasting.

The method is still blasting. It is not push washing, and it is not chemical stripping. You still require capable compressors, hardened pipes, metering valves, and a trained operator. Dealt with as a professional tool, dustless blasting belongs in the same family as sandblasting, soda blasting, and glass blasting services. The distinction is control.

## Where it shines in the field

On the property side, dustless blasting pays off in tight communities and for surfaces that do not like heat. Painted brick, cedar siding, metal fences, ornamental iron, garage doors, aluminum boat hulls, and pool coping react well. The water cools the work and keeps paint from melting or smearing. In the retail setting, quick turn-arounds matter. You can remove latex from a concrete shop slab at sunset and have foot traffic [superiorsurfaceprepoh.com sandblasting](http://superiorsurfaceprepoh.com/sandblasting) on a freshly profiled, non slip surface the next early morning with very little sweep up. For industrial surface preparation, the worth increases with the risk. Tanks with live process lines close by, catwalks above running systems, or beam cleaning in a partly enclosed space take advantage of lower dust and less ignition hazard compared to dry blasting.

When you do require a dry, high profile surface for specific coverings, a hybrid technique works. Blast dustless for bulk elimination, then switch to dry for a last pass to tweak the anchor pattern and speed drying. We do this on steel stair

towers when the spec requires a near white metal finish and a 2.5 to 3.5 mil profile, verified with reproduction tape and a spring mic.

## Media options that really matter

Abrasive choice modifications your day. I keep 3 staples on the truck for mobile blasting solutions: recycled crushed glass, garnet, and sodium bicarbonate.



Crushed glass is your home blend for general rust removal blasting and paint removal blasting. It is angular, cuts well, and is inert. It leaves a clean, lightly engraved surface on metals and a controllable bite on masonry. It likewise pairs well with water at moderate pressures, which fits on website sandblasting where splash and overspray are concerns.

Garnet steps in when you need more bite on steel or a tighter profile. It costs more per bag, however you utilize it efficiently. For pitted structural steel, a mid mesh garnet lets you clear deterioration at the root of the pit and establish an even surface for epoxy primers.

Soda is gentle. It excels on softer substrates, thin sheet metal, or where you desire very little profile, such as vintage car panels or soft wood trim. In dustless mode it still takes a trip with water, but remember that soda residues are alkaline and should be rinsed thoroughly before painting. A pH test on the rinse water, intending near neutral, avoids covering failure.

For glass blasting services on fragile products like etched signs or ornamental panels, ultra fine glass media and low pressure settings, in some cases below 50 psi, paired with a tighter water stream, can eliminate pollutants without frosting the surface.

## The anchor profile and why your coating cares

Removing rust and paint is only half the task. Surface preparation services exist to deliver a substrate prepared to bond. Coatings require a mechanical key. Blast too gently and a two part epoxy will delaminate under traffic or UV. Blast too strongly and you can expose pores or underfilm that traps moisture.

On steel, a 1.5 to 3.5 mil profile covers most industrial coverings. Polyurethanes and zinc abundant primers often specify because band. Portable spring micrometers and replica tape let you validate reality. On concrete surface preparation, the language moves to Concrete Surface Profile numbers, CSP 2 through CSP 7 depending upon the system. A light broadcast flake epoxy might require CSP 3. A heavy construct urethane cement flooring in a brewery may need CSP 5 or 6. Dustless blasting can deliver CSP 2 to 5 efficiently, particularly with medium mesh glass or garnet and a fan nozzle.

Wood requires finesse. You are not developing an anchor pattern even opening the grain. Keep the nozzle moving, widen the standoff distance, and lean on water to cushion effect. If you see feathering or torn fibers, withdraw pressure and open the metering valve a touch to lower aggressiveness.

## **A narrative from a tight alley**

A homeowner hired us to strip stopping working elastomeric paint from a narrow brick carriage house. Alley width was 8 feet, and a bakeshop ran ovens on the other side of the wall. Dry blasting would have been a non starter. We established a dustless rig with crushed glass at 70 psi, added a low foam surfactant in the water pot to improve wetting, and erected 10 foot poly curtains anchored with spring clamps to rain gutters and redhead anchors in the mortar joints. The baker kept his delivery window open. We ran from 7 a.m. to 3 p.m., cleaned up 900 square feet of facade in 2 passes, and had overflow infiltrated an easy sediment sock into barrels for disposal. That evening the owner sent out a picture of the brick rinsed and drying. No problems from the next-door neighbors, and no flour dust in our workspace.

## **When dustless blasting beats other methods**

List 1 of 2

- Lead paint risk management on exterior trims, where water and containment greatly decrease air-borne particulate.
- Heat sensitive substrates like thin aluminum signs or automobile panels, which can warp under dry friction.
- Occupied retail areas that can not endure a dust plume, such as shops next to restaurants.
- Concrete surfaces that need a clean, open profile without acid etching, like patios or entry ramps.
- Mixed product facades with glass, metal, and stone close together, where precise control decreases masking time.

Chemical strippers belong, especially on ornate woodwork, but they are slow on big locations and disposal gets unpleasant. Power washing knocks off chalk and dirt however will not offer you a trusted profile for severe finishings. Needle scalers focus power into tiny footprints and tiredness operators on larger surfaces. Dry blasting still runs fastest on large steel outdoors, however the added cost of containment, dust collection, and cleanup narrows that gap rapidly in town.

## **Equipment setup that conserves time**

Every rig looks a bit different, but the core parts remain. A compressor with sincere output, a blast pot with water injection, solidified blast pipe in excellent condition, a deadman handle you trust, and a selection of nozzles. For mobile sandblasting, I choose a 185 to 300 cfm compressor for basic work. If you intend on running larger nozzles or working heavy industrial coverings consistently, 400 cfm and up provides you space to breathe.

Nozzle choice matters more than people think. A 3/8 inch venturi nozzle at 100 psi can eat paint at a good clip, however you might overshoot on fragile surface areas. Stepping down to a 1/4 inch nozzle at the same pressure decreases mass flow and aids with control. Fan nozzles shine on concrete, developing even passes that read well to the eye. Straight bore nozzles are practical for tight corners and around bolt heads.

Water metering is a feel thing. Too much water, and the mix turns heavy and smears. Too little, and dust sneaks back and the surface warms up. Start at approximately one gallon per minute of water for mid size nozzles and adjust in quarter turns of the metering valve. If you see a paste forming on the surface, relieve back. If a visible puff of dust appears behind the stream, bump water slightly.

## **Containment, overflow, and the guidelines that follow you to the job**

Dustless blasting reduces airborne dust, but you still require containment discipline. Poly sheeting, zipper doors, flooring edge dams, and foam blocks that wedge under thresholds have conserved more headaches than any nozzle trick. For small property tasks, ground fabrics and a damp vac keep patios and flower beds neat. For retail fronts, build a short-lived wall with spring poles and clear plastic so foot traffic can see, and place walk off mats beyond the zone.

Runoff is the peaceful issue that becomes loud if overlooked. You are blending water with finishes that can include lead, old coal tar, or just years of automotive residue. Cities get nervous about storm drains for great reason. Plug neighboring drains pipes with inflatable balls or weighted socks. Utilize a low profile berm to keep water transferring to one regulated sump. Pump through a sediment bag or series of filter socks sized to your circulation. If you come across lead paint, follow lead safe practices and keep a written strategy. Bag invested media and particles in identified, heavy mil liners. For industrial websites, coordinate with ecological staff for waste characterization. It is common to record and test a composite sample before disposal.

OSHA and PPE guidelines do not go away because there is water in the mix. Eye protection, hearing defense, blast hoods, gloves, and steel toes belong on website. Breathing defense still uses. While water knocks down dust, trace aerosols and atomized pollutants exist at the nozzle and in splashback. In a closed space, set unfavorable air with HEPA filtration and test air quality. The lowered trigger threat of dustless blasting is valuable in hydrocarbon environments, however it is not a totally free pass in classified locations. Follow the site's hot work and permit requirements.

## Process flow that avoids rework

List 2 of 2

- Pre examine and test a small location to pick media, pressure, and water rate, then document settings.
- Mask and safeguard, including glass, gaskets, fixtures, and neighboring cars, then set containment and overflow controls.
- Blast in regulated passes, top to bottom, overlapping by one third, pausing to confirm profile and adhesion with tape pull or replica tape as applicable.
- Rinse or vacuum residue immediately, then dry with air motion or heat if required to avoid flash rust.
- Coat or seal within the advised window, often the exact same day on steel and within 24 hours on masonry.

An adhesion test tells you more than a clean looking surface. On repaints over old masonry paints where not all material can be removed, a basic crosshatch tape test assists verify strength. On steel, procedure profile during the first hour, not at the end. Changing mid job is cheap. Re blasting is not.

For metal surface cleaning where flash rust is an issue, particularly in humid conditions, add a rust inhibitor to the rinse or the blast water. Test compatibility with your guide. Many epoxies endure common inhibitors, but some zinc abundant primers do not. If you see flash rust forming within 30 minutes at rest, think about dehumidification or a portable heating system to drive down relative humidity in the work zone.

## Case applications by setting

Homes benefit most when the objective is to remove years of unsightly finishes without ruining the beauty underneath. Think about a brick bungalow smothered in 5 layers of acrylic. A balanced dustless setup will remove loose paint, expose sound brick, and leave a moderate tooth that accepts a breathable masonry sealer. On wood decks, dustless blasting opens grain, strips stain, and avoids the fuzz that sanding can leave on weathered planks. Keep standoff broad, and leave railings for finer tools to prevent scalloping.

Retail fronts ask for speed and discretion. An owner wants the sign readable by twelve noon and the sidewalk safe by evening. Dustless blasting can clear bubble gum gray from concrete and leave a CSP 2 to 3 texture that grips a clear sealant or anti slip additive. If graffiti crosses glass and painted metal, switch to extremely great glass media at low pressure and utilize brief, careful passes. Mask the glass edges to prevent capturing gasket material.

Heavy industry is where your discipline pays rent. On tanks, beams, and mezzanines, clear work packages and seclusion plans keep operations pleased. For instance, a food plant with painted steel frames over assembly line required a repaint while the plant ran. Dry blasting would have required a shutdown. With dustless blasting, we set up containment, utilized garnet for profile consistency, ran negative air, and arranged graveyard shift. Each frame section, approximately 200 square feet, took 3 hours to strip and check. We coated within the exact same shift with a moisture tolerant epoxy. Production never stopped, and QA found no particle outside the enclosure.

## Weather, water, and the clock

Water helps you, then attempts to hurt you. It cools the work, controls dust, and makes neighbors happy. It also extends drying times and can hide residue if you hurry. In cool, humid weather condition, prepare for more air motion. Portable fans and a propane heating system set a comfortable microclimate. Objective warm, dry air throughout the surface, not at your containment walls. In hot, dry weather, bump water a touch to keep dust down and avoid hot identifying, but do not overdo it. Expect pale streaks on steel that recommend salts. If present, wash completely and retest.

On steel, a practical recoat window for most guides sits within the very same day when blasting dustless. On masonry, sealers and coverings frequently choose 12 to 24 hours of dry time. Examine the product data, then inspect your surface with a moisture meter. Concrete can hold water in the near surface area. If a finish stops working due to trapped moisture, it costs days, not hours.

## **Pricing that keeps you profitable and fair**

Contractors often cost by square foot, then learn that coverings differ wildly in stubbornness. An easy property paint removal on smooth brick may pencil at 3 to 5 dollars per square foot, including containment and clean-up. Commercial storefront concrete preparation typically lands at 2 to 4 dollars per square foot for open slabs with simple access. Industrial steel with complex geometry and finishes can range from 6 to 12 dollars per square foot or more. Access, height, lead handling, and after hours work add to the overall. For mobile blasting, do not forget mobilization time, water sourcing if on website supply is restricted, and disposal charges for spent media and rinse water. A great quote pairs a site go to with a test spot. Bring 2 media types and spend 20 minutes proving assumptions.

## **Small errors that cost big**

Let a drain go vulnerable and you purchase a new relationship with the city. Miss a gasket or a bearing surface on a piece of equipment and you inherit an upkeep expense. Blast too aggressively on soft stone and you scar a century of client weathering in a minute. Push dry time and an overcoat raises like a bad sunburn. The fix is simple in theory. Decrease to set up, document your settings, and provide the substrate what it needs, not what your schedule wants. I keep a used field note pad with nozzle sizes, pressures, media types, and notes from successful tasks. Patterns repeat.

## **How to pick a professional or construct your own capability**

If you are hiring, ask for specifics. Do they provide true dustless blasting, or are they running a wet ring around a dry stream at the nozzle. The latter assists, however it is not the very same. Ask for a test area and a prepare for overflow. Try to find insurance coverage that covers blasting work, not simply general liability. For tasks with possible lead paint, ask how they deal with RRP or similar lead safe rules. They must explain containment and waste streams without hesitation.



If you are constructing an in home ability for continuous industrial surface preparation, buy training before you buy the biggest compressor on the lot. Send out a manager and an operator to a credible blasting and coverings course. Learn to

determine profile, test salts, and read a coating data sheet. Buy a rig that matches your most common work, not your most ambitious outlier. A 185 cfm compressor and a mid size pot will deal with a lot of facility maintenance. Lease approximately bigger equipment as needed.

## **The bottom line for homes, shops, and plants**

Dustless blasting is not a magic trick. It is blasting with much better good manners. Succeeded, it brings the efficiency of sandblasting to locations where dust utilized to be a deal breaker. It opens concrete without acid, cleans up metal without a whiteout, and strips paint without hot streaks and clouds. It lets on website sandblasting live conveniently next to a pastry shop or inside a food plant without breaking trust.

The best outcomes originate from combining the approach with judgment. Utilize the gentlest media that still meets the specification. Step the surface you develop, not the one you think of. Contain your work as if a next-door neighbor is watching, since somebody always is. Dry what you damp, coat what you clean, and leave a website that looks like a professional crew appreciated the information. Whether you are bring back a home facade, revitalizing a retail entryway, or turning over a safe, appropriately profiled tank, dustless blasting done right provides you a cleaner course from problem to finish.

Superior Surface Prep and Repair is a family owned and operated business.  
Superior Surface Prep and Repair offers glass blasting services.  
Superior Surface Prep and Repair provides surface preparation services.  
Superior Surface Prep and Repair offers rust removal services.  
Superior Surface Prep and Repair offers concrete cleaning and prep.  
Superior Surface Prep and Repair provides equipment and machinery cleaning.  
Superior Surface Prep and Repair offers structural steel cleaning and prep.  
Superior Surface Prep and Repair provides tank and silo cleaning and prep.  
Superior Surface Prep and Repair offers heavy equipment degreasing and paint removal.  
Superior Surface Prep and Repair offers surface prep for welding or bonding.  
Superior Surface Prep and Repair provides etching of metal for powder coating or painting.  
Superior Surface Prep and Repair cleans and preps brick and stone surfaces.  
Superior Surface Prep and Repair offers graffiti removal services.  
Superior Surface Prep and Repair provides driveways and sidewalk cleaning and prep.  
Superior Surface Prep and Repair offers mold and mildew removal from exterior surfaces.  
Superior Surface Prep and Repair provides fire, smoke, and water damage restoration.  
Superior Surface Prep and Repair offers soot and smoke damage removal.  
Superior Surface Prep and Repair offers mobile sandblasting solutions.  
Superior Surface Prep and Repair uses high-quality crushed glass for blasting.  
Superior Surface Prep and Repair aims for customer satisfaction with cost-effective solutions.  
Superior Surface Prep and Repair has a phone number of (567) 825-3443  
Superior Surface Prep and Repair has an address of 12709 Co Rd 87, Lakeview, OH 43331  
Superior Surface Prep and Repair has a website <https://superiorsurfaceprepoh.com/>  
Superior Surface Prep and Repair has Google Maps listing <https://maps.app.goo.gl/PPuyKkv7jAiGALJT7>  
Superior Surface Prep and Repair has Facebook page <https://www.facebook.com/profile.php?id=61577837261456>

Superior Surface Prep and Repair won Top Sandblasting Services 2025  
Superior Surface Prep and Repair earned Best Customer Services Award 2024  
Superior Surface Prep and Repair was awarded Best Mobile Sandblasting Company 2025

## **People Also Ask about Superior Surface Prep and Repair**

### **What services does Superior Surface Prep and Repair offer?**

Superior Surface Prep and Repair provides a wide range of surface preparation and restoration services, including glass blasting, rust removal, concrete and equipment cleaning, graffiti removal, and metal etching.

### **Does Superior Surface Prep and Repair offer mobile blasting services?**

Yes, Superior Surface Prep and Repair offers mobile sandblasting and glass blasting solutions to bring surface preparation services directly to job sites.

### **Can Superior Surface Prep and Repair remove fire and smoke damage?**

Yes, Superior Surface Prep and Repair provides fire, smoke, and water damage restoration services including soot and smoke removal.

### **Is Superior Surface Prep and Repair a local business?**

Yes, Superior Surface Prep and Repair is a family-owned and operated surface prep provider focused on high-quality work and customer satisfaction.

### **Does Superior Surface Prep and Repair handle exterior surface cleaning?**

Yes, Superior Surface Prep and Repair can clean and prepare exterior surfaces such as driveways, sidewalks, brick, stone, and other exterior materials.

### **Where is Superior Surface Prep and Repair located?**

The Superior Surface Prep and Repair is conveniently located at 12709 Co Rd 87, Lakeview, OH 43331. You can easily find directions on [Google Maps](#) or call at [\(567\) 825-3443](tel:5678253443) Monday through Friday 7am to 5pm. Closed Saturdays and Sundays

### **How can I contact Superior Surface Prep and Repair?**

You can contact Superior Surface Prep and Repair by phone at: [\(567\) 825-3443](tel:(567)825-3443), visit their website at <https://superiorsurfaceprepoh.com/>, or connect on social media via [Facebook](#)

Before grabbing a bite at [North Market Downtown](#), local contractors often coordinate Mobile Sandblasting and On-site sandblasting so sandblasting work can be completed efficiently at the job site.