

Business Name: Superior Surface Prep and Repair

Address: 12709 Co Rd 87, Lakeview, OH 43331

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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 watched a dry blaster erase rust or old paint in a fog of white dust, you understand the 2 sides of standard sandblasting. It is fast and reliable, yet messy and disruptive. Dustless blasting keeps the productive side of blasting and significantly decreases the cloud. By injecting water into the blast stream and pairing it with a determined abrasive, you gain control. Surface areas tidy quicker, ambient dust drops greatly, and neighbors do not come outdoors wondering what storm rolled in.

I have run mobile blasting rigs through tight residential streets and down long refinery passages. The very same core idea operates in both settings, however the method you established, contain, and surface makes the distinction between a neat, foreseeable day and an expensive clean-up. Below you will find useful techniques that equate from garage doors and pool decks to bridge beams and procedure tanks, in addition to numbers you can rely on, media options that matter, and the little decisions that keep jobs on time.

What dustless blasting truly does

At the nozzle, compressed air brings a mix of water and abrasive. The water does two jobs. It knocks air-borne dust out of the airstream and it cushions particle impact, which safeguards fragile substrates. The abrasive does the cutting. The best blend lets you tune hostility. With crushed glass at 60 to 90 psi and about a 10 to 20 percent water circulation, you can get rid of stopping working paint from brick without chewing mortar. Bump pressure to 100 to 120 psi and switch to a tighter mesh garnet, and mill scale on structural steel vanishes while you construct a consistent anchor profile for coatings.

Performance varies by substrate and finish, however field averages hold up. Residential paint removal on wood siding normally cleans up at 80 to 150 square feet per hour with a light profile. Heavy industrial coatings, 2 to 3

layers thick on steel, tend to perform at 40 to 80 square feet per hour depending on finish tenacity and nozzle size. Dust reduction is visible to the eye. Effectively tuned rigs typically cut noticeable air-borne dust by 80 to 90 percent compared with dry blasting.

The technique is still blasting. It is not pressure cleaning, and it is not chemical removing. You still need capable compressors, hardened hoses, metering valves, and an experienced operator. Dealt with as an expert tool, dustless blasting belongs in the exact same household as sandblasting, soda blasting, and glass blasting services. The difference is control.

Where it shines in the field

On the domestic side, dustless blasting pays off in tight neighborhoods and for surfaces that do not like heat. Painted brick, cedar siding, metal fences, ornamental iron, garage doors, aluminum boat hulls, and pool coping respond well. The water cools the work and keeps paint from melting or smearing. In the retail setting, fast turnarounds matter. You can remove latex from a concrete storefront slab at dusk and have foot traffic on a newly profiled, non slip surface the next morning with very little sweep up. For industrial surface preparation, the worth rises with the risk. Tanks with live process lines nearby, catwalks above operating systems, or beam cleaning in a partially enclosed area take advantage of lower dust and less ignition threat compared to dry blasting.

When you do need a dry, high profile finish for specific finishings, a hybrid approach works. Blast dustless for bulk elimination, then change to dry for a last pass to fine tune the anchor pattern and speed drying. We do this on steel stair towers when the specification 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 actually matter

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

Crushed glass is the house mix for basic rust removal blasting and paint removal blasting. It is angular, cuts well, and is inert. It leaves a tidy, lightly engraved surface on metals and a controllable bite on masonry. It likewise sets well with water at moderate pressures, which matches on website sandblasting where splash and overspray are concerns.



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

Soda is mild. It excels on softer substrates, thin sheet metal, or where you want minimal profile, such as classic car panels or soft wood trim. In dustless mode it still takes a trip with water, however bear in mind that soda residues are alkaline and must be rinsed completely before painting. A pH test on the rinse water, intending near neutral, avoids covering failure.

For glass blasting services on fragile products like etched signage or ornamental panels, ultra fine glass media and low pressure settings, often below 50 psi, paired with a tighter water stream, can remove contaminants without frosting the surface.

The anchor profile and why your covering cares

Removing rust and paint is only half the task. Surface preparation services exist to provide a substrate all set to bond. Coatings require a mechanical secret. Blast too lightly and a 2 part epoxy will delaminate under traffic or UV. Blast too aggressively and you can expose pores or underfilm that traps moisture.

On steel, a 1.5 to 3.5 mil profile covers most industrial finishes. Polyurethanes and zinc rich guides often define because band. Portable spring micrometers and replica tape let you verify truth. 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 floor in a brewery might need CSP 5 or 6. Dustless blasting can provide CSP 2 to 5 effectively, particularly with medium mesh glass or garnet and a fan nozzle.

Wood needs finesse. You are not constructing an anchor pattern even opening the grain. Keep the nozzle moving, widen the standoff range, and lean on water to cushion impact. 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 failing elastomeric paint from a narrow brick carriage house. Street width was 8 feet, and a pastry shop ran ovens on the other side of the wall. Dry blasting would have been a non starter. We set up a dustless rig with crushed glass at 70 psi, included a low foam surfactant in the water pot to enhance 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 shipment window open. We ran from 7 a.m. to 3 p.m., cleaned up 900 square feet of exterior in two passes, and had runoff infiltrated a basic sediment sock into barrels for disposal. That evening the owner sent 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 danger management on outside trims, where water and containment sharply minimize air-borne particulate.
- Heat delicate substrates like thin aluminum signs or automobile panels, which can warp under dry friction.
- Occupied retail locations that can not tolerate a dust plume, such as storefronts beside restaurants.
- Concrete surfaces that need a tidy, open profile without acid etching, like patios or entry ramps.
- Mixed material facades with glass, metal, and stone close together, where accurate control decreases masking time.

Chemical strippers have a place, specifically on elaborate woodwork, however they are slow on big locations and disposal gets untidy. Power cleaning knocks off chalk and dirt but will not give you a trusted profile for severe finishes. Needle scalers focus power into tiny footprints and fatigue operators on larger surfaces. Dry blasting still runs fastest on large steel outdoors, but the added expense of containment, dust collection, and cleanup narrows that gap quickly in town.

Equipment setup that saves time

Every rig looks a little bit different, but the core parts remain. A compressor with honest output, a blast pot with water injection, solidified blast tube in good condition, a deadman handle you trust, and a selection of nozzles. For mobile sandblasting, I prefer a 185 to 300 cfm compressor for general work. If you plan on running larger nozzles or working heavy industrial coverings regularly, 400 cfm and up provides you room to breathe.

Nozzle choice matters more than individuals believe. A 3/8 inch venturi nozzle at 100 psi can eat paint at a good clip, however you may overshoot on delicate surface areas. Stepping down to a 1/4 inch nozzle at the exact same pressure lowers mass circulation and assists with control. Fan nozzles shine on concrete, creating even passes that checked out well to the eye. Straight bore nozzles are handy for tight corners and around bolt heads.

Water metering is a feel thing. Excessive water, and the mix turns heavy and smears. Insufficient, and dust creeps back and the surface warms up. Start at roughly 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, ease back. If a visible puff of dust appears behind the stream, bump water slightly.

Containment, runoff, and the rules that follow you to the job

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

Runoff is the peaceful problem that ends up being loud if ignored. You are blending water with coatings that can consist of lead, old coal tar, or simply years of automobile residue. Cities get anxious about storm drains pipes for good factor. Plug nearby drains pipes with inflatable balls or weighted socks. Use a low profile berm to keep water moving to one regulated sump. Pump through a sediment bag or series of filter socks sized to your flow. If you experience lead paint, follow lead safe practices and keep a composed strategy. Bag invested media and particles in labeled, heavy mil liners. For industrial sites, coordinate with environmental staff for waste characterization. It prevails to record and evaluate a composite sample before disposal.

OSHA and PPE rules do not go away due to the fact that there is water in the mix. Eye protection, hearing defense, blast hoods, gloves, and steel toes belong on website. Breathing security still uses. While water knocks down dust, trace aerosols and atomized contaminants exist at the nozzle and in splashback. In a closed area, set negative air with HEPA purification and test air quality. The lowered stimulate threat of dustless blasting is helpful in hydrocarbon environments, however it is not a free pass in classified areas. Follow the site's hot work and allow requirements.

Process circulation that avoids rework

List 2 of 2

- Pre check and evaluate a small area to pick media, pressure, and water rate, then record settings.
- Mask and secure, including glass, gaskets, components, and close-by vehicles, then set containment and overflow controls.
- Blast in regulated passes, leading to bottom, overlapping by one third, stopping briefly to confirm profile and adhesion with tape pull or reproduction tape as applicable.
- Rinse or vacuum residue instantly, then dry with air motion or heat if needed to avoid flash rust.

- Coat or seal within the recommended window, often the exact same day on steel and within 24 hours on masonry.

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



For metal surface cleaning where flash rust is a concern, specifically in humid conditions, include a rust inhibitor to the rinse or the blast water. Test compatibility with your guide. Many epoxies tolerate typical inhibitors, but some zinc rich primers do not. If you see flash rust forming within thirty minutes at rest, think about dehumidification or a portable heater to drive down relative humidity in the work zone.

Case applications by setting

Homes benefit most when the goal is to remove years of unsightly coverings without ruining the charm underneath. Consider a brick cottage smothered in five layers of acrylic. A well balanced dustless setup will eliminate 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 slabs. Keep standoff large, and leave railings for finer tools to avoid scalloping.

Retail fronts request for speed and discretion. An owner wants the indication 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 very fine glass media at low pressure and utilize short, mindful passes. Mask the glass edges to avoid catching [surface preparation services](#) gasket material.

Heavy industry is where your discipline pays rent. On tanks, beams, and mezzanines, clear work plans and isolation strategies keep operations delighted. For example, a food plant with painted steel frames over production lines needed a repaint while the plant ran. Dry blasting would have needed a shutdown. With dustless blasting, we erected containment, utilized garnet for profile consistency, ran negative air, and arranged night shifts. Each frame section, approximately 200 square feet, took 3 hours to strip and examine. We coated within

the very same shift with a moisture tolerant epoxy. Production never ever stopped, and QA discovered no particulate outside the enclosure.

Weather, water, and the clock

Water helps you, then tries to harm you. It cools the work, manages dust, and makes neighbors delighted. It likewise extends drying times and can conceal residue if you rush. In cool, damp weather condition, plan for more air motion. Portable fans and a lp heating unit set a comfy microclimate. Goal warm, dry air across the surface, not at your containment walls. In hot, dry weather, bump water a touch to keep dust down and avoid hot finding, however do not exaggerate it. Expect pale streaks on steel that suggest salts. If present, wash completely and retest.

On steel, a practical recoat window for most primers sits within the very same day when blasting dustless. On masonry, sealants and coverings frequently choose 12 to 24 hours of dry time. Examine the item data, then inspect your surface with a wetness meter. Concrete can hold water in the near surface area. If a covering fails due to caught moisture, it costs days, not hours.

Pricing that keeps you rewarding and fair

Contractors often cost by square foot, then discover that coverings vary hugely in stubbornness. A basic property paint removal on smooth brick might pencil at 3 to 5 dollars per square foot, consisting of containment and cleanup. Business store concrete preparation frequently lands at 2 to 4 dollars per square foot for open slabs with easy gain access to. Industrial steel with complex geometry and coatings can range from 6 to 12 dollars per square foot or more. Access, height, lead handling, and after hours work contribute to the overall. For mobile blasting, do not forget mobilization time, water sourcing if on site supply is restricted, and disposal fees for spent media and rinse water. A great estimate pairs a website see with a test patch. Bring 2 media types and invest 20 minutes showing assumptions.

Small errors that cost big

Let a drain go unguarded and you purchase a brand-new relationship with the city. Miss a gasket or a bearing surface on a tool and you acquire an upkeep costs. Blast too aggressively on soft stone and you scar a century of patient weathering in a minute. Push dry time and a topcoat lifts like a bad sunburn. The fix is simple in theory. Slow down to set up, record your settings, and give the substrate what it requires, not what your schedule desires. I keep a worn field notebook with nozzle sizes, pressures, media types, and notes from effective jobs. Patterns repeat.

How to choose a professional or build your own capability

If you are working with, request specifics. Do they provide true dustless blasting, or are they running a wet ring around a dry stream at the nozzle. The latter helps, but it is not the very same. Request a test area and a prepare for overflow. Try to find insurance that covers blasting work, not just basic liability. For tasks with possible lead paint, ask how they manage RRP or similar lead safe rules. They should describe containment and waste streams without hesitation.

If you are constructing an in home capability for continuous industrial surface preparation, purchase training before you buy the most significant compressor on the lot. Send out a manager and an operator to a reliable blasting and coverings course. Learn to measure profile, test salts, and check out a finish information sheet. Buy a

rig that matches your most typical work, not your most enthusiastic outlier. A 185 cfm compressor and a mid size pot will handle a lot of center maintenance. Lease up to larger gear as needed.

The bottom line for homes, shops, and plants

Dustless blasting is not a magic trick. It is blasting with much better manners. Succeeded, it brings the performance of sandblasting to locations where dust utilized to be an offer 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 beside a pastry shop or inside a food plant without breaking trust.

The finest outcomes come from pairing the technique with judgment. Use the gentlest media that still meets the spec. Step the surface you develop, not the one you envision. Include your work as if a next-door neighbor is seeing, because someone always is. Dry what you wet, coat what you tidy, and leave a website that appears like a professional team appreciated the information. Whether you are bring back a home exterior, refreshing a retail entryway, or turning over a safe, correctly profiled tank, dustless blasting done right gives 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:567-825-3443) 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:5678253443), visit their website at <https://superiorsurfaceprepoh.com/>, or connect on social media via [Facebook](#)

After relaxing along the fountains at [Bicentennial Park](#), property owners often schedule Mobile Sandblasting and On-site sandblasting for fast sandblasting prep on metal railings and equipment.