

**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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Everyone loves a fresh finishing that stays stuck, however arriving is the tough part. Getting rid of paint and rust, opening up concrete pores, and striking the best anchor profile on steel normally indicates dragging parts to a store and waiting days. Mobile blasting turns that formula. Instead of halting production or transporting equipment across town, a trained team appears with compressed air, blast pots, media, and containment, then prepares your surfaces where they sit. The result is clean metal or concrete prepared for finishings, typically in the very same shift, often without touching your schedule at all.

I have spent numerous mornings staging tubes before dawn in food plants, shipyards, and tight city garages. The logistics alter every time, but the objective remains the exact same: deliver quickly, reputable surface preparation services without interrupting the work around us. Here is what matters when you are thinking about on-site sandblasting, and how to get predictable, paint-ready results on your metal and concrete.

## What mobile blasting really brings to the site

Mobile sandblasting is just the practice of taking the blasting system to your facility rather than taking your parts to a blasting shop. Crews roll up with a compressor, several blast pots, a media stock appropriate to your substrate, and containment and clean-up gear. Great teams show up like a taking a trip workshop: refuel tanks complemented, pipes staged in ridged coils, extra nozzles and gaskets on hand, additional PPE in the truck.

The advantages are simple. You prevent rigging and transportation costs, which can surpass blasting on heavy or uncomfortable possessions like tanks, structural steel, conveyors, or bridge railings. More important, you cut downtime. Mobile blasting solutions can work around line changeovers, over night windows, or off-peak

weekend hours. On some sites we blast stair towers and mezzanines while offices run as usual one flooring below, thanks to localized containment and dustless blasting options.

The method scales from little touch-ups to big campaigns. I have had single professionals knock out a 600 square foot rust removal blasting task on roof railings in half a day, and I have coordinated three-nozzle teams prepping 30,000 square feet of concrete for a traffic deck finishing in a week. The physics are the very same. The planning is everything.

## Blasting methods and where they shine

Sandblasting is the umbrella term many people utilize, though actual silica sand is mostly out of play due to health guidelines. We select media and methods to match the surface, finish system, and site restrictions. The typical branches:

- Dry abrasive blasting for heavy mill scale, deep rust, and quickly profile on steel. Steel grit, garnet, or crushed glass dominate. This is still the workhorse for industrial surface preparation when you need SSPC-SP 10 or SP 5 results and fast production rates.
- Dustless blasting, frequently called slurry or vapor blasting, which blends water with media to reduce dust. It reins in presence issues and helps in communities and active facilities. It can leave surface areas somewhat damp, so timing and inhibitors matter, however for many paint removal blasting tasks on brick, concrete, or layered steel it is the best balance.
- Soda blasting for fragile substrates, typically on aluminum or thin gauge panels, where you wish to clean up without a deep profile. It shines on fire remediation, grease removal, and decals, though it is not the option when you require a tooth for sturdy coatings.
- Glass blasting services split into two functions. Squashed glass for cleaning and profile without complimentary silica, a staple for field work. Glass bead for peening and uniform satin finishes on stainless or nonferrous metals, popular for cosmetic metal surface cleaning.

We likewise see specialized media like walnut shell for lumber or composite structures, and sponge media where rebound control and vacuum healing are a top priority. The method follows the surface and the requirements, not the other way around.

## Steel: profiles, standards, and useful targets

Most industrial surface preparation on metal aims at one of the SSPC/NACE visual standards. Near-white metal, SSPC-SP 10, takes nearly all mill scale and rust, leaving only minor shadows or staining. White metal, SP 5, strips it to bare. For many outside finish systems, a SP 10 with a 2.0 to 3.5 mil anchor profile is the [surface preparation services](#) sweet spot. Tank linings and immersion service finishings sometimes push that higher.

Field teams have to translate those book targets into quick choices. On greatly pitted steel, hunting for SP 5 can waste time and air without improving finishing performance. On new structural steel with solid mill scale, steel grit exceeds crushed glass for cutting power and predictable profile. A 375 CFM compressor will run a single No. 6 nozzle at 90 to 110 PSI easily. Want to run two nozzles? Bump to 750 to 900 CFM and keep hose runs as straight and brief as the website allows.

Rust never arrives in a single taste. I have actually blasted weathered beams on a waterfront bridge where chlorides had sneaked in. If you do not test for salts and deal with them, flash rust appears before lunch. We utilize chloride tests when working near marine environments and follow with a water flush and inhibitor as

needed. When the requirements requires it, a quick pass with a wash-down wand, a soluble salt remover in the mix, and strict timing into guide keeps the surface clean and gray, not orange.

## **Concrete: texture, laitance, and getting coverings to grab**

Concrete is tough up until a covering peels, then everybody inquires about the surface profile. The International Concrete Repair Institute's CSP scale is your map here. Thin movie coatings normally desire CSP 2 to 3. Elastomerics and broadcast systems request CSP 4 to 6. Heavy-duty overlays can run CSP 7 to 9. You can reach those textures with a mix of grinding, shot blasting, or abrasive blasting, but on multi-level parking decks and uncomfortable verticals, mobile sandblasting is frequently the most flexible.

Two useful ideas stick out. First, get rid of laitance, that thin weak skin on new concrete. Blasting cuts through it and opens the capillaries. Second, handle contamination. Old oil bays absorb hydrocarbons. If you blast right over them, you polish polluted paste and the finishing fails from the bottom up. Degrease, rinse, and think about plaster or heat-assisted cleaning before you open the surface. Dustless blasting helps press fines out of the pores and keeps air-borne dust workable in garages and plant floorings that share airspace with offices.



On structure, we often mask embedded steel plates or growth joints, blast the surrounding concrete for an uniform CSP, then go back to deal with those details by hand. Edge quality makes or breaks coverings at shifts. A cool, consistent expose along a joint checks out as professional and minimizes chances of lifting.



## Dustless blasting on active sites

There is an entire class of jobs that only take place because dustless blasting exists. Museums, food plants, downtown storefronts, and inhabited campuses can not endure a cloud of dust. Slurry systems reduce 90 percent or more of air-borne dust, keep media contained, and enhance presence for the operator. The compromise is cleanup. You deal with wet invested media and slurry, so you require a disposal strategy and a method to keep overflow out of drains.

On steel, the wetness presents a clock. We include flash rust inhibitors compatible with the finish or go after the blast with hot air and immediate priming. With the ideal inhibitor dosage and dry, moving air, we consistently hold steel in a near-white state for a number of hours. On concrete, dustless blasting cuts coatings rapidly and leaves a damp, matte surface. Let it dry fully and confirm moisture before applying primers, particularly epoxies and polyurethanes.

## A few real-world examples

A food plant in the Midwest required a brand-new epoxy system on a carbon steel conveyor platform but might not halt production. We staged on Friday after last shift, set up containment curtains and negative air movers, then blasted to SP 10 over night utilizing crushed glass at 100 PSI. We chased after the blast with a chloride-rinse and applied a zinc-rich guide by sunrise. Monday early morning, the plant was back online. Zero lost production hours.

At a marina, a steel bulkhead revealed significant rust under an old coat. Access visited barge, and dust drift would have upset slip holders. Dustless blasting worked. We utilized garnet in a slurry, controlled overflow with berms and vacuum healing, and held each 30 foot area to SP 10 long enough to prime. We ran dawn to midday to prevent afternoon winds and struck 650 to 800 square feet per hour per nozzle on flat runs.

In a downtown parking lot, the owner wanted a brand-new traffic bearing system on the top deck. Shot blasting struggled on the odd corners and verticals. A combined technique worked: grinding for edges, blasting for field

locations and slope shifts, all to CSP 4 to 5. Loud work covered by 6 p.m. so the restaurant listed below could keep dinner service.

## **Planning a mobile blasting day that actually completes on time**

Good blasting looks like magic from a range, however behind the pipe hand is a strategy with small, unglamorous actions. Here is a lean version of the field list we use on active sites, adjusted to fit lots of facilities without shutting them down.

- Site study and specification review: confirm substrate, covering system, target requirement or CSP, gain access to, power for lights or fans, water accessibility, delicate next-door neighbors, and disposal requirements.
- Containment and security: mask nearby equipment, set up tarpaulins or curtains, protect drains, and stage negative air or fans to keep dust or slurry boxed in.
- Media and equipment staging: match media to target profile, confirm nozzle size and CFM, test deadman controls, check gaskets and couplings, and keep spare ideas within reach.
- Blasting and inspection: start with a little test spot, verify profile or visual requirement, change pressure and stand-off, then proceed in lanes with clear handoff points.
- Cleanup and coating handoff: recuperate media, confirm salts or wetness if specified, document profile with Testex tape or replica film, and release locations to the coating crew in logical blocks.

The checklist takes minutes to read however hours to execute. Time conserved upfront saves headaches later.

## **Equipment that makes a distinction on mobile jobs**

Air is the engine. A single No. 6 nozzle needs around 320 CFM at working pressure. Two nozzles or longer hose runs push you into 750 CFM area and up. Teams typically bring 185 CFM compressors for light work, however for real industrial surface preparation you desire more air than you believe. Small compressors develop pressure drop, sluggish production, and cause inconsistent profiles.

Hose size and length matter more than the majority of people prepare for. Keep main feed lines in the 1.25 to 1.5 inch variety, then drop to shorter whip hoses for operator comfort. Straight runs beat coils and tight turns whenever. Fresh nozzles keep venturi shape, so alter them as they use. A used No. 6 that has grown half a size consumes media and disappoints anticipated profile.

Containment gear ranges from basic tarpaulins and pole systems to modular steel frames with poly sheeting. We choose setups that handle wind loads and keep media out of neighboring equipment. In delicate websites, vacuum recovery or shrouded tools lower spread and speed clean-up. For dustless blasting, a dependable water system and the right inhibitors make or break the day.

## **Safety and compliance when the site still has to function**

On active schools, public works jobs, or older structures, you need to assume tradition coverings might include lead or other hazardous materials. Pre-job screening guides containment level and waste handling. If lead is present, teams use full negative-pressure containments, HEPA filtration, and particular work practices under RRP or more stringent industrial guidelines. Even when lead is not in play, silica exposure is an issue for dry abrasive blasting. Operators wear supplied-air helmets or NIOSH-approved respirators, together with hearing security, gloves, and blast suits.

Noise is genuine. Compressors and nozzles register well above comfortable limitations, so plan working hours and utilize sound barriers where possible. For dustless blasting, slips are a threat. We mark wet zones and use proper shoes. Wastewater, even if it looks harmless, can not simply go down a storm drain. Berms, collection, and testing of spent media and slurry keep you on the ideal side of environmental codes.

## **Quality control that makes its keep**

Measurements are your friend. On steel, confirm anchor profile with Testex replica tape or stylus determines and keep records in mils. For salt contamination near marine or deicing direct exposures, Bresle patch tests catch difficulty before it causes flash rust or later blistering. On concrete, use wetness meters or calcium chloride tests if the finishing system is sensitive to moisture, and confirm the CSP by comparing to ICRI chips.

Adhesion pull-off tests can be carried out on mock-ups or unnoticeable sections as soon as primers or topcoats cure. For industrial finishings, values in the 300 to 1,000 psi range are common, however it depends upon the system. Seeing those numbers frequently constructs self-confidence that the surface preparation and covering are working together.

## **Weather, timing, and the truths of working outside**

Temperature, humidity, and humidity are not simply for painters. Blasted steel can be colder than air, specifically in the early morning. If the surface sits at or below humidity, you will see condensation, and flash rust is minutes away. Teams use handheld meters to track air and surface conditions and time blasting so that priming follows within the window the spec permits. On hot days, concrete dries quickly after dustless blasting. On cold ones, it can hold moisture longer than you anticipate. Adjust the plan.

Wind brings dust and light media. If the projection requires gusts, choose heavier media or switch to dustless blasting. In downtown cores with noise regulations, a 6 a.m. start may be off limitations, so split the job into stages and run quieter preparation or masking up until allowable hours.

## **Glass blasting services and finishes you can live with**

Glass bead blasting on stainless and aluminum develops a tidy, satin finish that conceals finger prints and small flaws. It is ideal for architectural railings, tanks, and food-grade equipment where you want an uniform aesthetic without cutting into the substrate. Due to the fact that bead peens instead of cuts, it does not produce a deep anchor profile, so do not expect heavy-bodied finishings to anchor simply by tooth. If a covering will be applied, check with the manufacturer. Some primers are happy over bead-blasted stainless if cleaned up correctly, others choose a light abrasive profile first.

Crushed glass for general sandblasting is a field preferred due to the fact that it is angular, cuts naturally, and is without crystalline silica. Pair it with the right nozzle and pressure, and you get a consistent metal surface cleaning result suitable for many guides without the health issues connected with old-school sand.

## **Pricing and efficiency without smoke and mirrors**

Numbers vary by region, however a few ballparks help set expectations. Mobile blasting crews frequently charge a mobilization fee, then a rate per square foot or per hour. Per-square-foot prices can vary extensively, from about 2 to 6 dollars for straightforward paint removal blasting on accessible surface areas to 8 to 15 dollars for heavy rust removal blasting with containment in tight quarters. Complex risk controls or downtown logistics add to those figures.

Productivity swings with substrate, finish density, and gain access to. On flat steel with open access, a single nozzle might clean up 500 to 1,000 square feet per hour at SP 6 to SP 10 levels. Thick elastomeric elimination on concrete might drop to 100 to 250 square feet per hour. If somebody provides a firm cost sight unseen for a varied website, beware. Request a test spot and a rate that can change with actual conditions.

## How to pick a mobile blasting provider

Picking the right team saves money and headaches. A practical short list of what to search for:

- Hands-on experience with your specific substrate and coating system, evidenced by photos and references, not just claims.
- Equipment that matches the job scale, including compressor capacity for several nozzles and correct dustless blasting equipment if needed.
- Safety culture and compliance qualifications, from respirator fit screening to lead-safe certifications and waste handling plans.
- Willingness to run a sample patch to verify profile or CSP and line up on production rates before you dedicate to a big scope.
- Clear paperwork practices, including surface prep reports, profile and moisture readings, and daily progress notes.

A good provider deals with surface preparation as a deliverable, not a side task. You must comprehend the strategy and the checkpoints before tubes struck the ground.

## Edge cases and judgment calls you only discover on site

Every so often you face a coated steel stair that calls like a bell under the blast, or a concrete parapet that sheds sand faster than expected. That is when you adjust. On thin gauge steel, drop pressure and transfer to a finer media to avoid distortion. On crumbly concrete, verify compressive strength and consider changing to grinding or a lighter blast to avoid overexposing aggregate.

Old cast iron behaves in a different way than structural steel. It can be porous and throws dust that looks like smoke. Keep the nozzle moving and watch heat buildup. Galvanized steel needs care too. Strong blasting gets rid of zinc layers you may want to protect, so moderate pressure, range, and media choice matter. If the spec requires painting galvanizing, a sweep blast is the ideal term to try to find, a mild pass that roughens without removing the protective coating.



## **When mobile blasting beats the shop and when it does not**

Mobile blasting wins when the property is difficult to move, when time windows are tight, or when coordination with other trades is needed to series surface preparation and coverings. It likewise stands out where dustless blasting resolves a website restraint. Still, some parts belong in a store cabinet. Accuracy components with tight tolerances, delicate equipment with complex masking, or work that requires climate-controlled conditions and post-blast evaluations over numerous days are much better in a regulated environment. The option is not about pride, it is about fit.

## **Bringing it together without pausing your operation**

On-site sandblasting has matured from a niche service into the foundation of lots of maintenance programs since it appreciates reality. Equipment is big, downtime is costly, and finishings perform only as well as the surface underneath them. With the ideal media option, containment plan, and quality checks, you can get industrial-grade results on your schedule.

I have seen railings conserved from replacement by a half day of rust removal blasting and a wise guide. I have actually enjoyed concrete decks hold a traffic system for several years due to the fact that the CSP was called in, not rated. And I have left jobsites cleaner than we discovered them, even after dustless blasting whole structure deals with, due to the fact that the team prepared the course of every hose and every pound of media.

If you weigh mobile blasting alternatives, frame the decision around your surface, your finishing, and your constraints. Request a test patch. Align on requirements and profile. Ensure the team talks wetness, salts, and humidity, not just grit size. Do that, and you will get paint-ready metal and concrete with hardly a hiccup in your day, which is the whole point of mobile blasting solutions in the first place.

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?

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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?

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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?

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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?

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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?

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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?

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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?

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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](#)

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.