



Sponge Blasting

Maviro's Sponge Blasting is a clean, dry, low dust, reusable media Surface Preparation alternative to traditional methods.

From the most delicate cleaning to selective coating removal to aggressive profiling of industrial substrates, Maviro Sponge Blasting offers a wide range of surface preparation solutions

The Sponge Blasting technology suppresses fugitive emissions and rebound that can lead to costly interruptions and dangerous workplace conditions.

Services Offered

- Lower fugitive emissions
- Less worker exposure and fatigue
- Fewer defects and rework, keeping projects on schedule
- High-quality surface preparation in sensitive or confined areas
- Solution for preparing surfaces near finished coatings, instruments & equipment
- The ability for other trades to perform concurrent work nearby
- Easier staging, containment, ventilation and clean up
- Less waste, disposal and material handling



In many applications, up to 95% of Sponge Media can be recycled for reuse

Maviro's Sponge Blasting Feed Units System

Pressurized Feed Units propel Sponge Media abrasives to the surface. A centralized control panel provides adjustment of blast pressure and media feed rate allowing for precise control.

- The heart of the Sponge-Jet System is its assortment of Sponge Media options. This technology combines the containment capability of sponge and the cleaning and cutting power of conventional abrasives.
- The pliant nature of Sponge Media abrasives allows its particles to flatten on impact, exposing the abrasive. After leaving the surface, the media expands, creating a vacuum – entrapping most of what would normally have become airborne contaminants.



MAVIRO

We continue to invest in new technologies and processes to improve safety and efficiency in the workplace.



ABRASIVE

SPONGE MATERIAL





Sponge Blasting

Powerful. Safe. Efficient. Maviro's Sponge Blasting Services combine cutting-edge composite abrasives with high-performance synthetic sponge, allowing for flexible, effective solutions across various surfaces. From aggressive profiling to delicate cleaning, our recyclable composites tackle any substrate, offering industry-leading results for even the most sensitive materials.

Technical Information

Key System Benefits:

- **Extended Blasting Efficiency:** Up to 2.5 hours of continuous blast time before refilling
- **Fine-Tuned Control:** Precise blast pressure adjustment and centralized controls
- **Enhanced Safety Features:** High-capacity muffler, secondary moisture separator, and high-volume pressure relief valve

Specifications:

- **Weight:** 688 kg (1515 lbs)
- **Dimensions:** L 126 cm x W 98 cm x H 191 cm
- **Blast Time:** 140 minutes
- **Pressure Certification:** 10 bar (150 psi)



MAVIRO

Maviro's Sponge Blasting is a clean, dry, low dust, reusable media Surface Preparation alternative to traditional methods.



DIFFERENT TECHNOLOGIES PRODUCE DIFFERENT RESULTS

TECHNOLOGY	VISIBLE CLEANLINESS	NON-VISIBLE CONTAMINATES	PROFILE
Ultra-High Pressure Water	✓ ⁺	✓ ⁺	✗
Dry Ice (CO2)	✓	✓	✗
Power Tools	✓ ⁻	✗	✓ ⁻
Ordinary Abrasive	✓ ⁺	✓	✓ ⁺
Sponge Blasting	✓ ⁺	✓ ⁺	✓ ⁺

Get unparalleled performance with Maviro's engineered blasting technology!

