

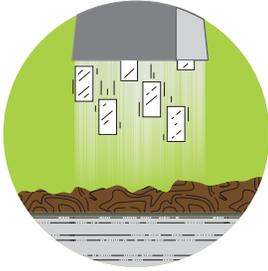
# What is Dry Ice Cleaning?

## Environmentally Responsible Cleaning & Surface Preparation

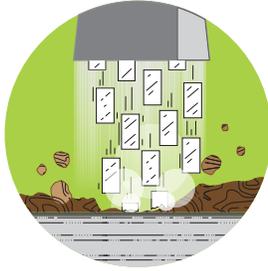


### How Does it Work?

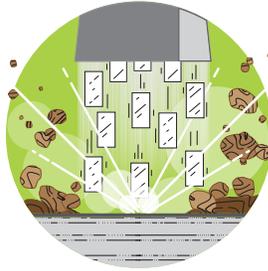
Dry ice cleaning is similar to sand, bead and soda blasting in that it prepares and cleans surfaces using a medium accelerated in a pressurized air stream. But, dry ice cleaning uses solid CO<sub>2</sub> pellets or MicroParticles, which are blasted at supersonic speeds and sublimate on impact, lifting dirt and contaminants off the underlying substrate.



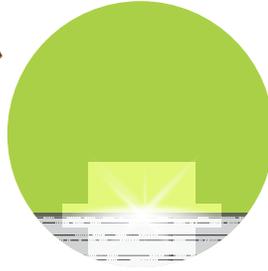
DRY ICE IS ACCELERATED BY COMPRESSED AIR THROUGH A NOZZLE AT SUPERSONIC SPEEDS



THE TEMPERATURE (-109°F) OF THE DRY ICE CAUSES THERMODYNAMIC SHOCK, WHICH HELPS BREAK THE BOND BETWEEN THE SURFACE AND THE CONTAMINANT



ONCE THE DRY ICE COLLIDES WITH THE SURFACE IT SUBLIMATES CAUSING A MINI CO<sub>2</sub> EXPLOSION LIFTING THE CONTAMINANT OFF



SINCE DRY ICE IS NON-ABRASIVE AND MADE OF GAS YOU ARE LEFT ONLY WITH A CLEAN SURFACE. NO SECONDARY WASTE

### Who uses Dry Ice Cleaning?

*The power of Cold Jet Dry Ice Innovation brings winning solutions to a diverse list of industry leaders around the globe.*

**Aerospace**

**Automotive**

**Contract Cleaning**

**Fire Restoration**

**Food & Beverage**

**Foundry**

**General Maintenance**

**Historical Restoration**

**Medical**

**Mold Remediation**

**Packaging**

**Petrochemical**

**Plastics**

**Power Generation**

**Printing**

**Rubber**

**Weld Lines**

### Why is it Better?

The unique characteristics of dry ice make it the perfect cleaning media. Dry ice is non-abrasive and non-conductive and will not damage surfaces or equipment. It sublimates on impact, leaving behind no secondary waste. It is non-toxic and safe for employees.

These attributes make dry ice cleaning an efficient, cost effective and environmentally responsible cleaning solution.

### A Versatile Clean

### Dry Ice: Aggression Spectrum



#### MicroParticles

Shaved dry ice MicroParticles will enter the hardest-to-reach places and are small and delicate enough to pass through sensitive materials for a thorough clean without worry of damaging the surface

#### 3MM Pellets

Our high density 3MM pellets are used for a more aggressive clean, getting rid of the most stubborn contaminants.



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