

What is Dry Ice Blasting?

Environmentally friendly cleaning and surface preparation.



How does it clean?

Dry ice blast cleaning uses solid CO₂, a non-abrasive media that won't damage surfaces or equipment. The accelerated, super cooled dry ice pellets or particles, are blasted at supersonic speeds and sublimate on impact resulting in the surface being cleaned, lifting dirt and contaminants off the underlying substrate.



Cold Jet dry ice blasting was the only approved method capable of fully restoring irreplaceable roof tiles on the Philadelphia Museum of Art.

Why is it better?

Dry ice blast cleaning utilizes a unique combination of forces to powerfully lift surface contaminants without causing damage or creating harmful secondary waste. Similar to sand, bead and soda blasting, dry ice blast cleaning prepares and cleans surfaces using a medium accelerated in a pressurized air stream. But, that's where the similarity ends.

Who uses dry ice blasting?

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
- Disaster Remediation
- Electronics
- Food Processing
- Foundry
- Manufacturing
- Packaging
- Power Generation
- Printing
- Restoration
- Rubber & Plastics
- Textiles and Wood
- Utilities



How it works...

Instead of abrasive media to grind surfaces (and damage them), Cold Jet uses dry ice (Solid CO₂) accelerated at supersonic speeds that sublimate upon impact and lift contaminants from substrates.

