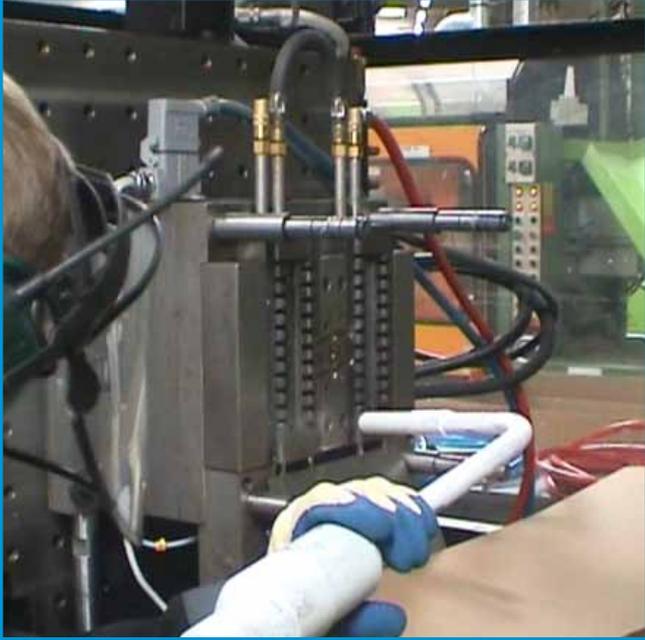


INTELblast

INTELLIGENT CLEANING



INTELblast and partners are offering a wide range of industrial cleaning services that requires a high level of know-how, experience and technology. We have specialized in blasting technologies involving lava, granite, dry ice, ultra high pressure water blasting and ductwork cleaning.

The intelligent choice!



How Does Dry Ice Blasting Clean?

Dry Ice Pellets are propelled at a supersonic speed by a compressed air gun. Upon impact, the dry ice creates a micro-thermal shock (caused by the extreme cold temperature of -79°C) which breaks the bond between the coating and the substrate. The high pressure air stream removes the dirt from the surface, while the Dry Ice Pellets vaporize (sublimate) before your eyes.

A Greener Clean

Dry Ice Blasting is quickly becoming favoured among all industries because of environmental and production processes, standards, and certifications along with a growing consciousness of the environmental impact of production practices. This method of natural cleaning uses pellets made through a process of taking Liquid Carbon Dioxide (CO_2) and expanding it to produce a snowlike substance, that is compressed through a die to make hard Dry Ice Pellets. Environmental benefits include cleaning with a natural substance, replaces chemicals and minimizes the need for specialty waste disposal.



Our service serves many benefits

1. Cleaning with a Natural Substance

Dry Ice Blasting uses Dry Ice Pellets made from the same substance used to carbonate beverages. This method does not generate secondary waste as does sand, soda, water, or grit cleaning. Dry Ice Blasting also replaces chemical and solvent based cleaning.



2. Safe on Electrical

This versatile process cleans heavy buildup without damage to sensitive areas like electrical components, switches, wiring, photo electric sensors, and more.



3. A Thorough, Deeper Cleaning

Since Dry Ice Pellets manage to reach every nook and corner of the equipment it cleans more deeply and effectively.



4. No Damage

Dry Ice Blasting is completely dry, non-abrasive, non-toxic and non-corrosive. It quickly removes most contaminants without damage to switches, panels, lines, tubes, wiring or belts, HVAC equipment and is safe to use on electrical.

5. No Down Time

The process is very fast and dry. The dry ice disappears on contact and can be performed on-line without disassembly and without need for drying time.



“If ductwork were made of glass – then there would be no question to whether they should be cleaned or not”

“Cleanliness of ventilation systems is considered important for human comfort and health, energy consumption, system service life and for cleanliness of operations or processes carried out in the ventilated area” *European standard for cleanliness of ventilation systems*



We cover all aspects of the service and cleaning covered by EN15780:

- Ductwork
- Air Handling Units (AHU)
- Filters
- Humidifiers
- Heat recovery units
- Fan-coil units
- Terminal devices



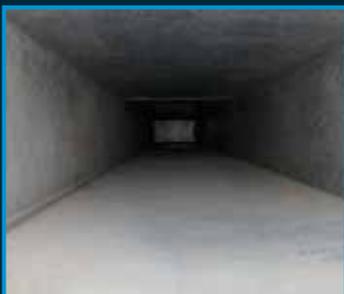
We provide our customers with a handing-over document that will specify the recommendation for cleaning indicating:

- Cleanliness quality class
- Cleanliness criteria
- Measurement methods
- Recommendation for cleaning methods
- Guideline for reaching the points to be cleaned



Benefits from having your ductwork cleaned:

- Lower energy consumption
- Increased productivity
- Less sick days from employees



VIDEO INSPECTION OF THE DUCTWORK

We use high quality video inspection equipment to document the conditions in the ductwork and as a guarantee that we have cleaned what too many is a hidden problem.



Cleaning and blasting using Lava, Granite or Soda

If small amounts of abrasive cleaning material can be used in the cleaning process then using lava and granite will speed up the cleaning process and remove deposits that dry ice would not be able to. It can not be compared to the dust hazards generate by sand blasting as we are using up to 25 times less material. A building that would require 6000 kg of sand, can be done with only 250 kg of Lava or Granite.

The cleaning is very gentle and the result is a smooth surface that is perfect for applying new paint or primer.



On natural surfaces like stone, bricks or wood we apply a mix of dry ice and lava or by using fine granite at low pressure. All to assure a perfect result without any damage.



Graffiti removal

INTELblast has a vast experience in urban and anti-graffiti maintenance, façade restoration and surface coating applications. We apply a wide array of coatings for surface protection from permanent and sacrificial anti-graffiti coatings to water repellency coatings.



Ultra High Pressure water blasting

Water is the cheapest consumable and if a cleaning can be performed with water, then that is our preferred suggestion. But to avoid larger quantities of water around the objects to be cleaned, then we are using Ultra High Pressure water blaster with up to 1700 bar, using only 2,5 liters of water per minute.

**We offer a solution
to every surface!**

INTELblast Denmark
Birkevangsvej 2
5466 Asperup
Denmark

Phone: +45 70 25 90 10
Mail: info@INTELblast.com