



GROUP VICTOR PEETERS

**MB - TI**

INNOVATIVE INDUSTRIAL SERVICES

# AIR FIN CLEANING (DRY)

DRY CLEANING, A NEW METHOD  
FOR EFFICIENT CLEANING

## METHOD

### Dry blasting with sodium bicarbonate

This cleaning technique can be used to remove paint, marks and soiling from fragile surfaces. When carried out with care, this method does not damage delicate components. It just removes soiling, while the surface remains intact. Perfect for air fin banks, because we can reach the spaces between the delicate fins readily.

### Technology

For dry blasting we use Armex (sodium bicarbonate,  $\text{NaHCO}_3$ ), a natural and extremely soft hygroscopic cleaning medium in powder form which is mined. Armex is completely water-soluble and not harmful to the environment. The soda grains break apart at a very low temperature. Sodium bicarbonate is environmentally friendly in use and has a pH of 8.6, meaning that it is almost neutral in terms of acidity.

The process mixes Armex with compressed air (from 3 to 10 bar) and 'pulverises' the dirt (pollen, dust, etc.), without damaging the fins.

The volume flow from the fans takes the soiling out and returns it to environment from which it came.



Dry blasting with sodium bicarbonate is a very soft blasting method which does not heat or wet the surface.



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## BENEFITS

This method is gaining hugely in popularity. Dry cleaning delivers results that are comparable with the results of regular water-based cleaning systems.

The main benefit: the client does not need to take the fans out of action (if they lay upstream of the cooling banks) in order to clean them.

### Benefits:

- Unaffected by the weather
- Better cleaning
- No interruption of production
- Environmentally friendly (no chemicals, no waste)
- No damage to the fins
- Lower costs: smaller team and no crane costs

It is also considerably safer, since the operator does not need to get in or onto the cooling bank to carry out the work.

## WHY CHOOSE MB-TI?

- ✓ Specially trained teams for cooling bank cleaning
- ✓ Before-and-after measurements in order to record the benefits in a report (optional)
- ✓ Flexible availability: teams available 24/7 in Benelux and beyond



For more information, references or a no-obligation discussion, contact MB-TI:

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