

CLEANING / DEGREASING / PHOSPHATING

One step, ready to use product for metal surface preparation to paintings, compatible to both liquid paint and powder coating.

It works at room temperature by dipping or spraying (flow coating):

- ✓ **Treating:** **1 - 3 minutes**
- ✓ **Dripping off:** **4 - 6 minutes (or more if possible)**
- ✓ **Drying off:** **5 - 8 minutes in an oven**

MAIN FEATURES:

- **Based on Organic Fluids**
- **Not flammable**
- **No Rinse**
- **No waste water / No sludge**
- **Not toxic or harmful product**
- **No analysis**
- **VOC Free (European law 1999/13/EC)**



After treatment the parts are coated by a 1-2 micron thickness organic polyphosphate which can **increase the top coat adhesion** and provide a temporary protection of some weeks if parts are stored inside.

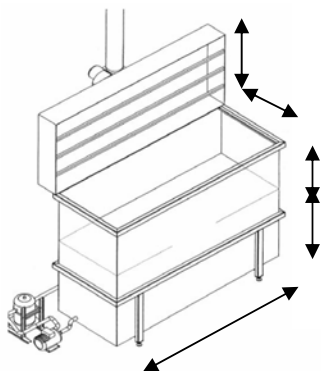
The special organic polyphosphate can **absorb the oily contaminants** with a limit of 1.5 gr of oil per m2 of metal surface treated as average value. So the life of the chemical is theoretically unlimited if the quantity of oil is lower than the limit. The only analysis necessary is done in PAI-KOR Lab every 3 months for the complete check up of the chemicals.

This process is **economically effective** especially for small-medium installation.

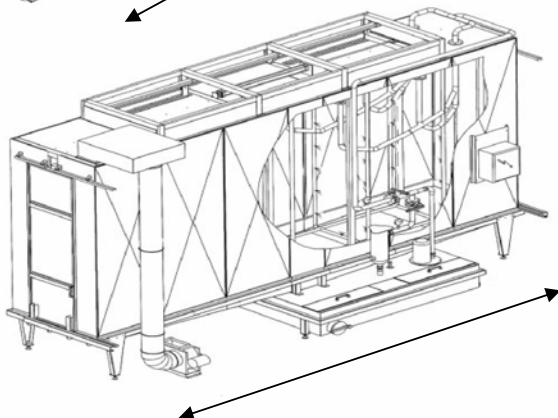
Aluminum extruded profiles (for the presence of extruding agent), hot dipped galvanized, aluminum with high silicium content and zamak may require a chemical or mechanical preparation before ECOPHOR. Preliminary test should be carried out.

THE INDUSTRIAL INSTALLATIONS

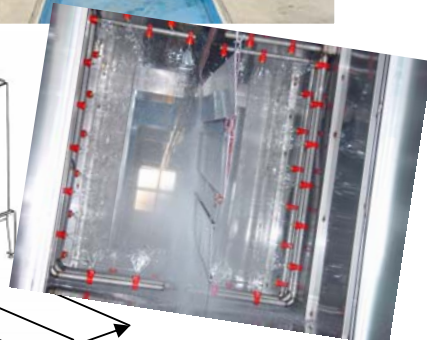
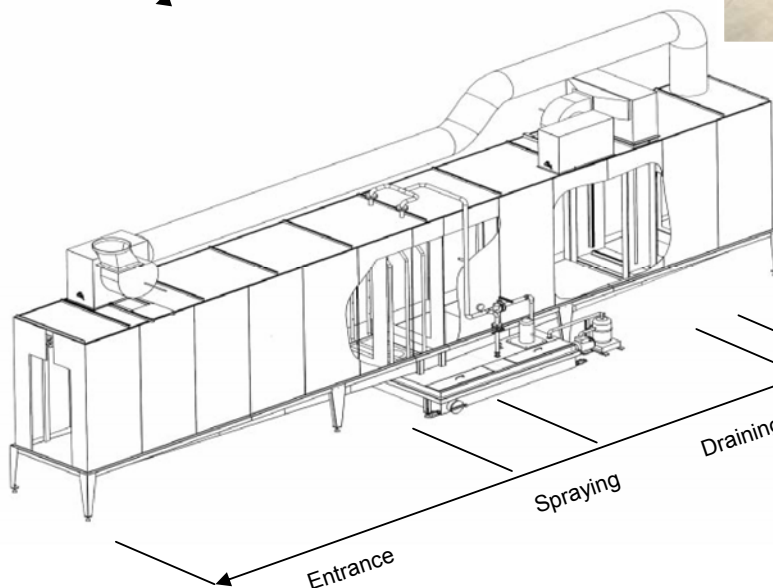
TANK



ECOJET



SPRAY TUNNEL



Draining
Blow-off

Spraying

Entrance