

CLEANING / DEGREASING / PASSIVATION

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 - 10 minutes in oven**

MAIN FEATURES:

- **Based on Organic Fluids**
- **Not flammable**
- **No Rinse**
- **Up to 400-500 hours salt spray on steel with powder coating**
- **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 coating which can **increase the top coat adhesion**, provide a temporary protection of some weeks if parts are stored inside, and **increase corrosion resistance on steel with powder coating up to 400-500 hours** or even more in salt spray (specific test must be carried out)..

Parts treated needs to be heated up at least to 120°C for 15 minutes to obtain proper coating cross-linking; this heating may take place together with topcoat curing.

The special organic coating 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.

This process is **economically effective** for many kind of application and it is a reliable alternative to zinc phosphating in many application.

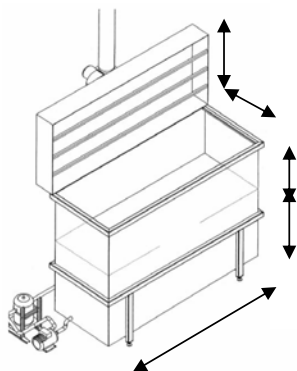
Aluminum extruded profiles, hot dipped galvanized, aluminum with high silicium content and zamak may require a chemical or mechanical preparation before TORAN 3. Preliminary test should be always carried out.

TORAN 3

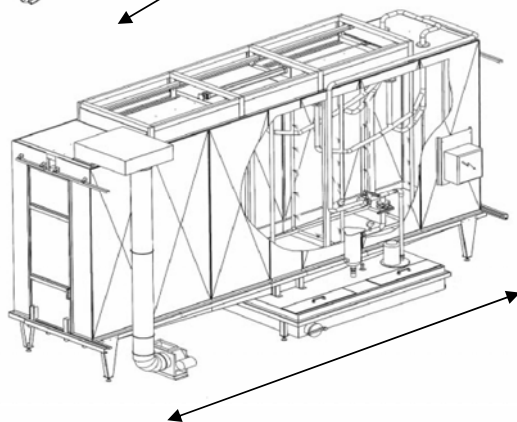
PAI-KOR

THE INDUSTRIAL INSTALLATIONS

TANK



BATCH SPRAY



SPRAY TUNNEL

