

## **The most common sources of mistakes**

### **1. Insufficient clean water**

Attaches to all solutions of deionized water is required with a purity value of at least

2  $\mu\text{S} / \text{cm}$  (1 Meg $\Omega\text{hm} / \text{cm}$ ). Special care is required at the water bottling, since experience can occur easily in inattention to pollution of the water. Security takes in the water reservoir by re-measuring conductivity meter. The result of bad water is generally yellow-coloured or dirty silver, especially after the coating!

### **2. Inadequate drying of coatings**

Undercoat is not sufficiently hardened, it appears this error usually after the coating of the metalized surface by the shiny metal layer is weak. Remedial action is achieved through an intensive drying of the undercoats or lower setting of the viscosity.

### **3. Pollution**

Even surface contamination (below undercoating) can cause considerable disruption. Under certain circumstances, a metallization may then be impossible. There is also the danger that occur mistake points later in the metal film.

**CLEANLINESS is in the whole system of  
PARAMOUNT IMPORTANCE!**

### **Technical Explanations**

The special spray guns are connected by transparent tubing with the spray solution (container). Likewise, they are connected to compressed air. The compressor needs a capacity output of 250 l / min to bring 4.5 bar.

An oil-water separator with activated charcoal must be connected for clean air.

It is important that the spray liquid is evenly spread from the two jets of the silver spray guns.

**Please Check regularly!**



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Please check regularly that the spray liquid is evenly spread from the two jets of the silver spray guns, if not please optimize it.

During metallization should **not** be taken the work technique of painting. It must remain the silver spray gun continuously press during the metallization. The pistol must be held evenly on all sides and over the object during metallisation.

If the machine is not used for a long time, please remove all the solutions of all tubes, spray guns and containers. The system has to be flushed with deionized water.

The container A and the corresponding supply tube will be black over time and it forms deposits. The hoses should be renewed at least all 6 months.

If there are black or brown depositions in the container A, he can be cleaned with dilute nitric acid.

The shelf life of the concentrates is at least 6 months when stored correctly.

The solution CLC 1 must be stored in the dark.

**The ready for use solution are at most 24 hours workable.**

For questions please contact our consultants at any time at the following  
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