

TRABO PROGRAMME

Corrosion Protection

We utilise cathaphoresis and powder coating for the protection of our TRABO products. To realise this, we closely work together with the Loa Lak company in Tilburg.

Cathaphoresis and powder coating: an ironclad duo!

The excellent corrosion prevention properties of cathaphoresis make this painting method extremely well suited as a primer for powder coating.

It is therefore not surprising that many parts of automobiles and lorries are treated with cathaphoresis + powder coating.

The cathaphoresis layer is the important corrosion prevention factor, while the powder coating offers optimal protection against mechanical influences, factors such as sunlight etc. Additionally, all colours and structures are available to the designers.

The steel façade plating of the office building of Loa Lak has been protected by means of cathaphoresis + powder coating. Examples?

Roof hatches for lorries, parts of sunroofs, window stiles, handles and chassis parts. Cathaphoresis + powder coating is also used in other branches of industry. Telephone booths, train interiors, doors of transformer houses, bicycle carriers, façade plating etc. An important part of the paint process is the pre-treatment. At Loa Lak the products are thoroughly cleaned. After an alkaline degreasing and rinsing, the products, which are to be painted, are covered with a zinc-phosphate coat. This coat forms an ideal base for the subsequent covering with the paint. In principle, all metals can be painted by means of cathaphoresis. Cathaphoresis is a primer and therefore forms an ideal base the application of multiple/other coats of paint. Due to the neat appearance cathaphoresis can also be utilised as a final coat, such as for parts for the automotive industry. Loa Lak has a very modern paint installation in which pre-treatment, paint bath and muffle furnace are all integrated.

This installation is meticulously supervised by especially trained operators. A complete treatment takes two hours. In a single day more than 100 tonnes of material can be treated.