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COMPLETELY PERFECT SURFACES







APO production sites in Alsdorf near Aachen



The company APO GmbH has two separate business divisions:  
**COATING OF SMALL MASS PRODUCED PARTS** including the field of  
 PWIS Cleaning, and **INDUSTRIAL LACQUERING**.

Both are located at the company's Alsdorf site.



# TWO BUSINESS DIVISIONS, ONE MISSION: PERFECT SURFACES

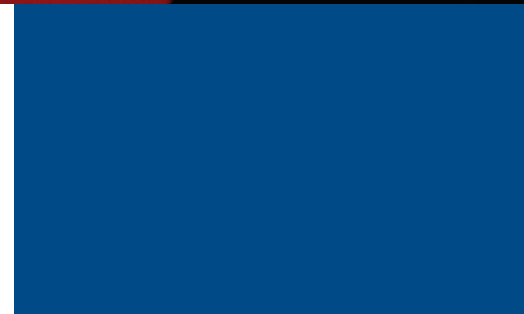
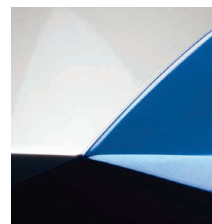


APO's corporate vision can be summed up in one single sentence:

**We strive for perfection.**

Since its foundation in 2002, our company has always stood for premium quality in the field of lacquering – we make sure that small and big objects are furnished with top grade decorative or functional coatings, or components are optimally prepared for use in paint shops through our PWIS Cleaning.

Above all, one thing is fundamental for this – in addition to a lot of expertise, flexibility and state-of-the-art machinery, which occupies two halls with a total area of roughly 1,600 sq. m.: a passion for what we do.



# EXAMINE FIRST, LACQUER LATER – THAT IS WHAT WE BELIEVE IN

Those who want to comply with highest quality requirements cannot rely on standardised solutions.

Every object needs to be scrutinised for its quantity and condition to allow the determination of appropriate lacquering and cleaning methods and the definition of necessary preliminary work.



## YOUR BENEFITS

We provide support with our experience and expertise. We offer comprehensive consultation on all aspects of lacquering and cleaning of your components and flexibly apply and align our production processes to fulfil your requirements.

**We do not merely see ourselves as a lacquering service but rather as a partner and solution provider.**







# APO'S COATING OF SMALL MASS PRODUCED PARTS: PERFECTION DOWN TO THE SMALLEST DETAIL

APO's Coating Of Small Mass Produced Parts business division focuses on small to the smallest components in large quantities, which can be handled as bulk goods. Today, we are one of the market leaders for the coating of small, mass produced parts, thanks to our many years of experience and flexibility.



## Coatings

Decorative and functional coatings are applied to small components by means of an automatic spray unit inside a revolving drum. Adapted pre-cleaning and activation processes ensure even coating application and optimised bonding with the components' surfaces.

**Decorative Coatings** primarily serve the purpose of visual refinement. A large variety of hues and effects can be achieved, e.g. glossy, matte or metallic finishes. Matching other materials' colours is also possible.

**Functional Coatings** usually serve defined functional components' properties. Lubricant varnishes facilitate assembly operations, reduce assembly forces and maximize friction characteristics in dynamic applications. Furthermore, noise emission can be reduced. Coloured lubricant varnishes enable effective identification and differentiation of components.

## PWIS Cleaning

Our PWIS Cleaning with wet-chemical processes and patented plasma technology, adjusted to your components and requirements, ensures optimum cleanliness for the safe use of your components in paint shops or similar sensitive production areas.

# APPLICATIONS

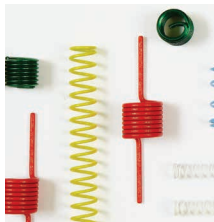


## DECORATIVE COATINGS

Writing implements

Toys

Cosmetics accessories and packaging



## COLOUR COATINGS

Haberdashery

Cosmetics accessories and packaging

Construction fittings

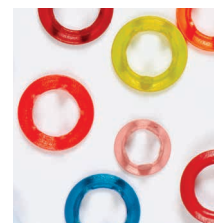
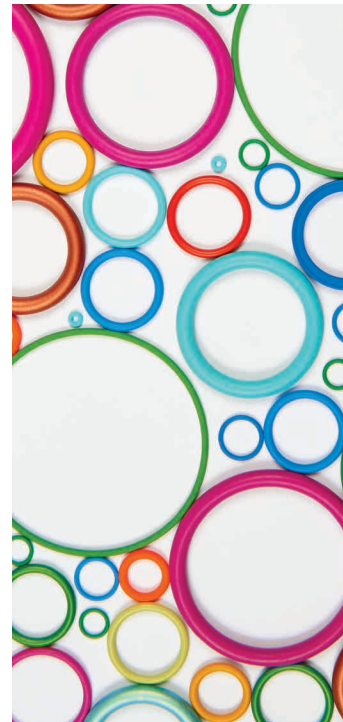
Sealing elements

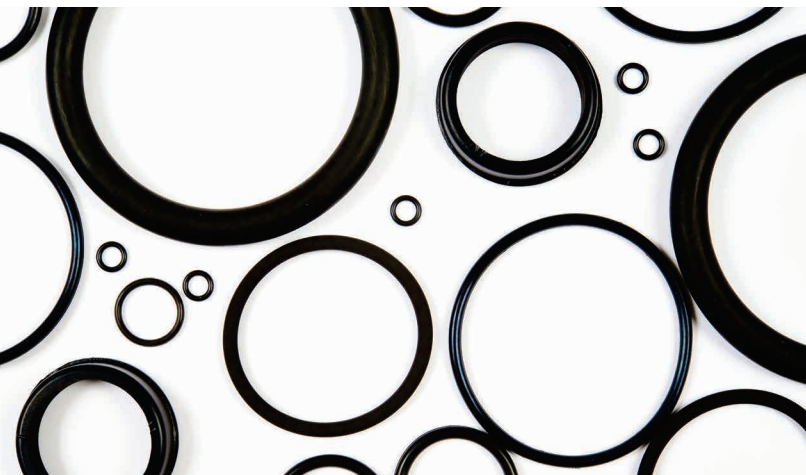
## FUNCTIONAL COATINGS

Automotive components

Sealing elements

Damping elements





#### PWIS CLEANING

Components for the automotive industry

Components for paint shops

Components for the electronics industry



# APO'S INDUSTRIAL LACQUERING: DILIGENCE ON A LARGE SCALE



Since 2010, large components, whether single pieces or small series, have been the focus point of APO's Industrial Lacquering business division.

## APPLICATIONS

Whatever it is, we will lacquer it. Be it for advertising technology or automobile manufacturers, the carpentry and furniture industry, metal engineering or mould making, the plastics industry, show business or trade fair construction: we gladly accept any challenge – and deliver colourful results!



The different lacquers are manually applied using state-of-the-art spray guns and Air-Coat equipment in order to achieve different objectives, whether you are looking for a change in the visual appearance or feel, an improvement in corrosion resistance or a change in functional characteristics of your components. Our profound expertise in pre-treatments, cleaning procedures, lacquering, drying and post-treatments ensures perfect results.



### Decorative and effect lacquering

The range of decorative and effect lacquering covers a variety of options to change components' look and feel. The following variants are available, amongst others:

- Matte, glossy, high-gloss lacquering in all colour shades
- Structured lacquering
- Soft finish ("rubberised" surface)
- Safety paint (luminescent)
- Multi-layer lacquering

### Functional lacquering

The range of functional lacquering covers a variety of options that serve to protect or improve your components' properties. The following variants are available, amongst others:

- Conductive (EMC) paint
- Antibacterial lacquering
- Protective paint to improve corrosion resistance
- Adhesive primer
- Sealing lacquer





# TWO BUSINESS DIVISIONS, ONE INTENSION: QUALITY, ENVIRONMENT PROTECTION, SAFETY AND SERVICE

The focuses of both APO business divisions are customer satisfaction, environmental concerns, work safety and a high quality standard with a zero-defect target. In order to achieve all of this we ensure compliance with strict quality and sustainability guidelines and the implementation of our occupational safety management system.

## **Quality and Environmental Management**

Zero-defect target for consultation, planning, performance and delivery: In order to ensure flawless processes throughout all our operations, we have introduced an integrated quality management system based on QM Planning Tools such as APQP and FMEA.

Both of our business divisions are ISO 9001 and ISO 14001 certified and have been awarded the "Sicher mit System" (Systematic Safety) seal of quality by the "Holz und Metall" (wood and metal) trade association, BGHM.

## **Coatings Customising Services**

Together with our certified partners in lacquer production, we develop innovative special lacquers for the drum coating process for small mass produced parts. These lacquers not only meet the highest quality standards, they are also environmentally sustainable.

## **Sample Service**

Would you like us to coat small parts in larger quantities but are not sure whether what you have in mind is feasible? Send us your sample parts. We will be able to tell you exactly what is technically possible, how long it will take and the price at which we can do it for you. On request, we will also coat your sample in the desired manner, free of charge of course!

Send your sample parts together with a description of your wishes and requirements to the following address:

## **APO GmbH Massenkleinteilbeschichtung**

Sample consignment  
Konrad-Zuse-Straße 2b  
D-52477 Alsdorf  
Germany



ABSOLUT PERFEKTE OBERFLÄCHEN



## CONTACT

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