



## **BERLAQUA PROCESS LACQUER:** WATER-SOLUBLE FOR SUSTAINABLE PRODUCTION

The product portfolio of Berlac® lacquers for use in watch-dial manufacture has been extended by the addition of a new **water-soluble process lacquer**. As ecological considerations become ever more important, greater emphasis is being focused on Switzerland's VOC tax and discussion is spreading concerning the use of acetone for the removal of lacquer coatings. In response to this, Berlac AG has developed a process lacquer which satisfies all the technical requirements placed on mechanical workability and which can be removed by means of water without leaving any residue.

### TECHNICAL DESCRIPTION

Metal needs to be temporarily protected at many different stages of watch-dial manufacture: for example, when it is drilled or milled. Here **Berlaqua process lacquer** provides an ideal method of preventing scratching and similar damage. The lacquer film dries at room temperature within 10 minutes of application without shrinkage or forming ugly foam bubbles. The lacquer can be coloured with a dye solution to make it easier to see when work is carried out on the dial. After mechanical processing, the film can be removed without difficulty using water. In addition, **Berlaqua process lacquer** can also be used to provide temporary protection for dials that have already been coated. Owing to its solubility in water, the lacquer is not intended for use in electroplating baths.

### YOUR ADVANTAGES AT A GLANCE

- Efficient application by spraying or brushing
- The lacquer's high level of flexibility enables it to withstand mechanical processing well
- Reliable and reproducible method of application
- Suitable for application on both metal and lacquer
- Additional uses, e.g. as an adhesive

**COATING SYSTEMS TO GIVE YOUR PRODUCTS STRIKING ADDED VALUE.** The production of premium-grade special and effect coatings as well as printing inks for decorative and functional applications on plastic, chromium-plated and metallised substrates, carbon fibre composites, metal and glass has been our speciality since 1926.

Whether you are an industrial contract coater, a tier-one or tier-two supplier coating in-house or an OEM, you will find us your ideal development partner for innovative niche solutions that call for interdisciplinary knowhow and precise adjustment to the processes of all your supply-chain partners. We accompany your innovative surface projects in close collaboration every step of the way from initial concept to technical fine-tuning for series applications on site.

Our comprehensive expertise and experience in manufacturing a product portfolio that ranges from primers through printing inks enables us to supply ideally coordinated integrated solutions (thermal and UV-curing) in the realm of solvent-based and waterborne spray coating systems and industrial screen and pad printing inks. Our innovative solutions for demanding coating tasks – also available in very small batches and for small series production – cater primarily to the following sectors: automotive, spectacle frames, domestic appliances, hearing aids, children's toys, medical technology, sanitary fittings, writing implements, sport, watchmaking and jewellery.

Headquartered in Sissach, just outside Basel in Switzerland, Berlac AG is one of the nine brands that comprise the Berlac Group, a globally-active group of medium-sized companies committed to the development and manufacture of top-flight solutions for finishing and protecting surfaces and for colouring plastics.