



**SAPHIR® 2000**  
Chromium(III) process

A close-up photograph of a hand holding a highly reflective, circular metal ring. The ring's surface is exceptionally smooth and bright, reflecting light in a way that suggests a high-quality finish. The background is a blurred portrait of a man's face, which adds a human element to the technical advertisement.

# HIGH

LUSTRE

**The chemistry is right here.**  
Beautiful surfaces.



# SAPHIR® 2000

SAPHIR 2000 is a bright chromium process based on chromium(III) salts. The chromium layers produced have a high brilliance and uniform layer distribution. SAPHIR 2000 is already used by many contract coaters and in-house electroplating shops.

Based on our experience in many application areas, we can competently support you in the implementation of SAPHIR 2000 in your plant.

- Chromium electrolyte based on sulphate
- Low chromium content
- In the L\*a\*b\* colour test comparable results are achieved to those in the case of hexavalent layers
- Colour-constant deposition
- Free of complexing agents
- Simple waste-water treatment
- Excellent throwing power
- High process stability in combination with SAPHIR 1038
- Ampere hours-dependent dosing of the required additives possible
- Increase in corrosion protection possible through post-treatment
- Adaptation to special requirements possible

Read more about  
[www.kiesow.co.uk/products/  
electroplating-processes/](http://www.kiesow.co.uk/products/electroplating-processes/)





As an international group of companies, we have been developing, producing and selling polishing agents, polishing wheels and polishing rings, industrial cleaning products (degreasers), process baths for electrolytic metal deposition and post-treatment systems (passivations/TOP coats) for more than 100 years.

We also supply phosphatings for pre-treatment prior to powder coating. Furthermore, we are also known as a trading company for basic chemicals, anodes and accessories.

We are the only system supplier to offer processes from polishing to final coating (sealers). Our products stand for decorative, functional and sophisticated finishes.

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