

PEEK – corrosion-resistant, scratch- and wear-resistant high-performance coating



PEEK coatings

The PEEK coatings of Buser Oberflächentechnik AG are based on polyetheretherketone, better known under the brand name VICOTE™

The main economic advantages of PEEK coatings are:

- excellent mechanical and thermal properties
- considerable increase in service life of coated products
- low system costs (no primer necessary, very thin layers possible)

According to the operating conditions and your requirements profile, we select the suitable PEEK coating from our product range.

Advantages of PEEK coatings:

- excellent scratch- and wear-resistance
- good non-stick properties
- excellent strength
- temperature-resistant up to 260°C
- corrosion-resistant
- sterilisable
- hydrolysis-resistant
- radiation-resistant
- food-safe (FDA)
- no primer necessary
- layer thicknesses from 25 to 500 µm (depending on coating process)

Due to their excellent properties, PEEK coatings considerably increase the service life of the products in many branches of industry and consumer goods.



Buser coating processes – modern technology combined with experience and knowledge.

Development and production of surface coating is our speciality. As a result of long years of experience we are able to offer sophisticated technology for a multitude of applications in all branches of industry – for individual components, serial production and repairs.

Our coatings enable the low-cost, custom-made manufacture and reconditioning of high quality industrial components.

We coat serial components up to 15 tons in weight and up to 8 meters long. Please contact us with enquires for larger parts.

We are the only company in Switzerland to offer both plastic, metal, ceramic and tungsten carbide coatings and hardplating welding and repair welding of castings as well.

Coated components stand up to the test of toughest application conditions protecting against wear and corrosion and offering thermal and electric insulation. The quality of our work is underlined by the certification to ISO 9001 and GTS.

Our service in surface technology:

- competent, extensive advice
- design and production of workpieces
- preparation of the workpieces to be coated.
- coating to defined specification
- on-site coating
- quality control with report
- packing and shipping worldwide

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