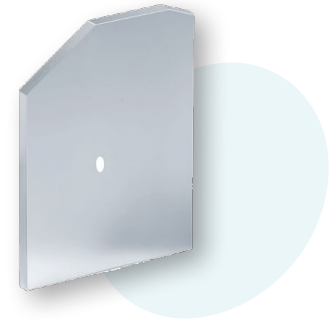
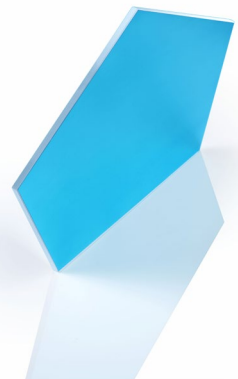
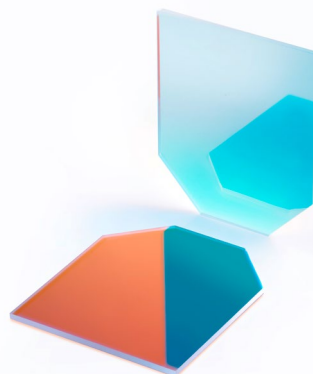
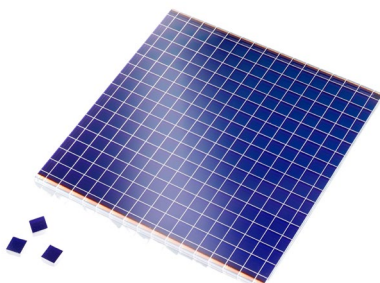


Your Partner for Dielectric and Metallic Coatings for Optical Components

Bte Bedampfungstechnik GmbH has been offering thin-film technology for challenging applications for over 30 years. The core expertise of the medium-sized, owner-managed company is the coating of optical components for technical applications. Innovative coating designs are used to modify the physical surface properties of glass, plastics and metals.



Thin dielectric and metallic layers ensure high-precision adjustments to the optical surface characteristics and specifically influence reflection, transmission and emission behaviour. With a broad portfolio of vacuum coating systems using a wide range of technologies, Bte develops cost-effective, high-quality coatings that are precisely adapted to the customer's products.

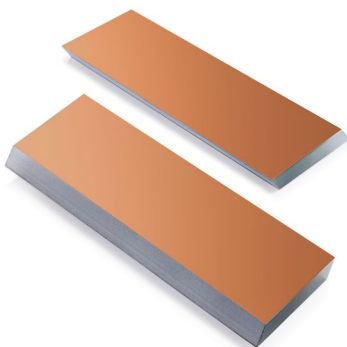
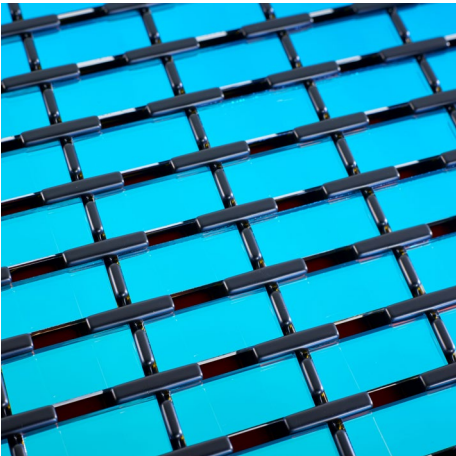


Facts & Figures

- Location: Elsoff, Westerwald (Rhineland-Palatina)
- Foundation: 1992
- Born Coating: Foundation 2003, series delivery of automotive components
- Employees: 100
- Coating Systems: 28
- Coating Technologies: Thermal Evaporation/ PVD, Electron Beam Evaporation, Ion Assisted Deposition, Magnetron Sputtering
- Certificates: IATF 16949:2016, DIN EN ISO 9001:2015, DIN EN ISO 14001:2015

Services

- Anti-reflective / anti-reflection coatings (AR)
- Highly reflective (HR) coatings
- Cold mirrors / Cold Light Mirrors
- Conductive transparent coatings (ITO)
- Bandpass filters
- Short/long pass filters
- Dichroic beam splitters
- Neutral beam splitters
- UV mirrors on glass and metal
- UV transmitters and reflectors
- Front mirrors on glass and plastic
- Heat protection filters
- Daylight filters
- UV cut filters
- Sun simulation filters
- Temperature-stable edge and bandpass filters
- Highly reflective mirrors
- Telescope mirror coatings in large dimensions dimensions
- Dichroic colour filters
- Polarising beam splitters
- Filters with neutral density (ND)



Facts & Figures

- Coating range: Wavelengths from UV C (200 nm) to NIR 3,000 nm
- Substrates: glass (borofloat, B270, float glass, etc.), borosilicate glass, quartz, plastics (polycarbonates, COC, COP, PMMA with hard coating), ceramics, metals

Applications (examples)

- Scanner Technology (i.e. Scanner for reverse vending machines)
- Sensor Technology (i.e. for Automation Applications)
- Automotive, i.e. Head-Lights, Head-up-Displays, LiDAR