

This website uses cookies to improve the user's experience during working with our network and to provide users with dedicated services and functions. By further use you agree with that.OKDetails

Address	Beneq Oy Olarinluoma 9 02200 Espoo
Country	Finland

PRODUCTS OR MACHINERY

Beneq's main technologies are Atmospheric nHALO & nAERO aerosol coating technologies and Atomic Layer Deposition (ALD). nHALO is a flame spray technology, used mainly for applying various functional coatings on glass, ceramic tiles, and some metals. It is also used for multicomponent nanoparticle synthesis. In the nAERO process, submicron droplets are directly deposited on hot glass and forming a uniform coating film.

ALD is used to produce accurate, pinhole-free and conformal thin-film coatings on various substrates.

Applications:

- nSILVER® - Provides invisible protection against silver tarnishing.
- nOPTOTM - High accuracy and uniform optical coatings.
- nTRIBOTM - Extremely uniform tribological coatings for complex shapes.
- nPRIMERM - A tailored method for increasing adhesion of sputtered coatings for engineering materials.
- nCLEAR® - Barriers layers for metals, plastics and glass.
- nCOLORTM - Novel method for colouring of glass, both off- and on-line, both float and patterned.
- nCLEANTM - Hydrophilic, easy to clean and antimicrobial surfaces.
- Photovoltaics - Advanced thin film technology for PV-applications.

Systems

- Atomic Layer Deposition - Thin film Atomic Layer Deposition Systems for Industrial Applications and Research use
- nHALO® - Equipment for functional coatings on glass and ceramics. Laboratory equipment for functional nanoparticle synthesis and deposition
- Services - Coating and Industrialisation Services

Thin film electroluminescent displays, TFEL

Lumineq® TFEL displays, ideal for embedded applications, represent the best viewing experience available for extreme conditions. TFEL displays are reliable, robust and proven in use in the harshest places on earth and in space. Excellent vibration and shock resistance, together with a compact and lightweight build, make these displays better than the rest.

Transparent electroluminescent displays, TASEL®

Lumineq® TASEL® displays combine the rugged and reliable build of TFELs with the unique freedom of designing a completely transparent display. TASEL is ideal for consumer electronics, architectural use and other fields where viewing experience and product aesthetics is of paramount importance.

Thin film electroluminescent glass

Do you want to combine the reliability and viewing experience of TFEL displays with your in-house electronics? Lumineq® TFEL glass gives you the freedom to design your own electronics and embed a TFEL display in your OEM product. Lumineq offers TFEL solutions tailored to meet your application's requirements.

Company Profile of Beneq Oy

A service of glasssglobal.com, an affiliate of glasssglobal group.

The address material you printed out is copyright and belongs to the Company or to its third party Marketing Agency, and all rights are reserved. Any User who accesses such material may do so only for its own personal use, and the use of such material is at the sole risk of the User. Redistribution or other commercial exploitation of such address material is expressly prohibited. Where such address material is

provided by a third party, each User agrees to observe and be bound by the specific terms of use applying to such news material. Glass Global does not represent or endorse the accuracy or reliability of any of the info contained in any address or external websites referred to in this printout. www.glasssglobal.com - The International Portal to the Glass Industry - OGIS GmbH