

press release

seele to present new CCF technology

Façades specialist seele adds façade system ISOshade® to its portfolio and provides a new technology to build closed cavity façades. seele takes over the construction element from its sister company iconic skin GmbH and offers the complete service portfolio from planning, installation and maintenance. ISOshade® is a closed double-skin façade with integrated sun protection system - an alternative solution to complex CCF.

Gersthofen, 15 October 2020: With ISOshade® seele offers a complete double-skin façade solution. The seele group of companies is reacting to the increasing global demand for double-skin façades. Not least because of seele's market expertise, distribution network and its locations in UK and the US, the group of companies bundles its market strength to push ISOshade®.

ISOshade® will complement seele's portfolio of serial double-skin façades and offers an intelligent technology with clear advantages compared to conventional CCF.

ISOshade® - the "advanced" CCF by seele

ISOshade® is a simple, self-sufficient façade system without an external ventilation system. The cavity within ISOshade® conditions itself via a volume-dependent system. A maintenance free system maintains the climate loads in the cavity to keep them at a permissible level. This eliminates – compared to conventional CCF - the need to purchase, install and build any ventilation or piping system, and at the same time reduces planning effort and operating and life cycle cost. ISOshade® is an insulating glass unit with a factory integrated sun protection system. The unit consists of triple glazing and a sun protection system in a cavity – a venetian blind or a vertical blind. The outer pane protects the integrated sun protection system against dirt, wind and weather.

Bundled expertise

"To strengthen our global market is a cornerstone of our corporate strategy. seele and iconic skin have been working closely together in development and sales of ISOshade®. The logical consequence was therefore to bundle this expertise within the group of companies," says Andreas Hafner, Managing Director of seele GmbH. "ISOshade® has the potential to become the façade system of the future, and we see its opportunities in the market. Through the takeover the whole group is profiting from the resulting synergies and rounding off its portfolio in the area of façade competence."

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seele group

The seele group, with headquarters in Gersthofen in Bavaria, is one of the world's top companies specialising in the design and construction of façades and complex building envelopes made from glass, steel, aluminium, membranes and other high-tech materials. The technology leader in façade construction was founded in 1984 by master glazier Gerhard Seele and steelwork engineer Siegfried Gossner.

Based on a profound understanding of design and materials, seele provides everything necessary for ambitious one-off designs true to the original ideas of engineers and architects. The seele group offers its building sector and industrial customers a complete package of services ranging from R&D, individual advice and joint conceptual design right up to the planning, detailed design and construction of their projects. seele's own production plants for technologically challenging designs and the group's own erection crews on site provide a guarantee of the very highest quality "made by seele".

The 1,000 employees of the seele group worldwide together generate an annual turnover of about €250 million.

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visual material



Caption: A total of three ISOshade® elements with heights of almost 7m form the ISOshade® façade of the St. Afra Diocesan Museum in Augsburg, Germany. © Olaf Becker

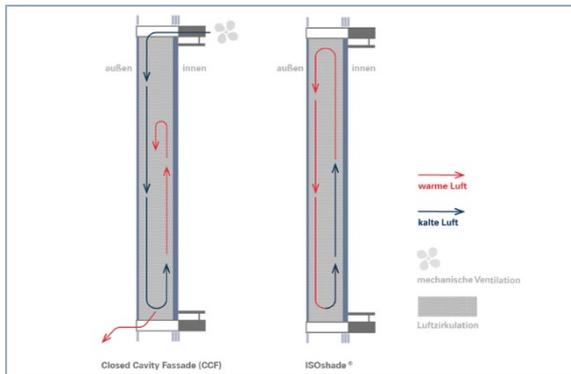


Caption: The ISOshade® façade is a closed double-skin façade that function is based on building physics principles. © seele



Caption: ISOshade® is an insulating glass unit with a factory integrated sun protection system (venetian blind or vertical blind). © seele

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Caption: Ventilation principles of CCF and ISOshade®. © seele