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Press release.

**Sustainable façade renovation**

**Renovating instead of replacing: upgrading of old ETICS with rainscreen cladding façades and Schöck Isolink**

**Outdated external thermal insulation composite systems (ETICS) often no longer meet today’s energy requirements. The energy and resource-saving renovation solution is the rainscreen cladding façade. In combination with rock wool insulation and structural fire protection measures, Schöck Isolink has received the DIBt design certificate. This type of façade renovation enables a sustainable and low-maintenance rainscreen cladding façade to be constructed. The certificate enables planners to carry out their renovation projects quickly and easily.**

A large proportion of existing buildings of classes 4 and 5 that were insulated and rendered with external thermal insulation composite systems (ETICS) no longer meet today's high energy standards. Repairs to the building envelope are therefore unavoidable. The renovation solution in the form of a rainscreen cladding façade has now received the DIBt design certificate (Z-10.3-909). The design comprises the Isolink thermal bridge-free façade connection together with rock wool insulation and constructional fire protection measures by Deutsche Rockwool GmbH & Co. KG. The new, approved renovation solution upgrades the energy-saving and fire protection properties of the old ETICS for building classes 1-5.

**Environmentally friendly cost-effective solution**

This upgrade is not only sustainable, it is also cost-effective: During the refurbishment, the rainscreen cladding façade is simply installed in front of the ETICS. There is no need to remove or dispose of the old ETICS. The energy-saving properties of the façade are thus upgraded and the old ETICS continues to be used – saving resources, time and costs. It also makes the renovation work much easier.

**Thermal bridge-free fastener**

Schöck Isolink maintains the distance between the external cladding and the shell construction and transmits all the loads acting on the external cladding. The key to the thermal bridge-free fastening with Isolink lies in the material used: Combar. Thanks to the extremely low thermal conductivity of the glass fibre composite material, the heat losses at the fastening points are so low that, according to DIN 6946, they can be disregarded when determining the thermal transmittance of the external wall. The thermal conductivity of Isolink is almost 300 times less than aluminium wall brackets. Around 50 percent less insulation material is therefore required with the same thermal transmittance. The width of the external wall construction is also reduced with the same building dimensions which means that more usable space is available in the building.

2,508 characters (incl. spaces)

<www.schoeck.com/en-gb/isolink>

**Info box**

**Reliable, tested and sustainable**

Schöck Isolink holds the highest classification ph A+ from the Passive House Institute in Darmstadt for all weight classes of the rainscreen cladding façade. Thanks not least to the high glass content (88 percent) in the Combar material, Isolink Type F is approved by the DIBt for flame-retardant façades.

The Schöck Isolink façade connection and the Schöck Combar glass fibre composite material was awarded the Environmental Product Declaration (EPD) IBU (Institut Bauen und Umwelt e.V.). This makes Schöck the only manufacturer to date to have an EPD for façade connection and reinforcement made of glass fibre composite material. The Environmental Product Declaration provides the life cycle assessment data for the individual structural components in order to provide proof of sustainability and comprehensively presents the environmental performance of the products.

**Images**

**[Schoeck\_PM\_Fassadensanierung\_mit\_VHF\_1]**

Ein Bild, das Gebäude, draußen, Apartmentgebäude, Stadt enthält.

Automatisch generierte Beschreibung

*Renovate instead of upgrading: Old external thermal insulation composite systems (ETICS) can be renovated with Schöck Isolink in a way that conserves energy and resources and is visually appealing.*

*Photo: GMJ Solutions ApS*

**[Schoeck\_PM\_Fassadensanierung\_mit\_VHF 2]**

Ein Bild, das Gebäude enthält.

Automatisch generierte Beschreibung

*The Schöck Isolink façade anchor and the Fixrock insulation from Rockwool create the renovation kit – the approved construction method for sustainable renovation.*

*Photo: Schöck Bauteile GmbH*

**[Schoeck\_PM\_Fassadensanierung\_mit\_VHF\_3]**



*The sustainable and cost-effective renovation solution in the form of a rainscreen cladding façade with Schöck Isolink has been awarded the DIBt design certificate (*Z-10.3-909)*.*

*Photo: Schöck Bauteile GmbH*

**About Schöck:**

Schöck Bauteile GmbH is a company of the international Schöck Group that has more than 1,100 employees and is active in over 40 markets. It has its headquarters in Baden-Baden at the feet of the Black Forest where the company's success story began in 1962. Company founder Eberhard Schöck used his knowledge and experience of building sites to develop products that simplify the construction process and solve the physical problems of construction work. This mission has remained the foundation of the company’s philosophy to this day, a philosophy that has allowed Schöck to become the leading provider of reliable and innovative solutions to reduce thermal bridges and impact sound, for thermally insulating façade connections and reinforcement technology. Schöck products facilitate a more rational approach to construction and safeguard the construction quality over the long term. The focus is on the building-physical benefits and energy efficiency. Schöck is driving the digitalisation of the work flow from planning to the building site to support the construction work of tomorrow.

**For any questions, please contact:**

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