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Press release.

**Tronsole recognised by the DIBt**

**Impact sound insulation elements from Schöck: more sustainable and with building authority approval**

**Baden-Baden, May 22 – Making good things even better – Schöck's recipe for success. The latest examples are two optimised product variants of the Tronsole impact sound insulation element: type F and type B for acoustic insulation of the connection between the stair flight and landing or floor slab. The change from line supports to segmented elastomeric bearings enables a release agent-free and thus more environmentally friendly production. Furthermore, the Tronsole type F with segmented elastomeric bearing has received general technical approval.** **Schöck is therefore currently the only manufacturer to have the necessary approval for the use of point bearings in line connections in accordance with building regulations.**

The general technical approval for Tronsole type F warrants that the connection of the reinforced concrete brackets meets the structural requirements. Schöck thus provides structural engineers with even more planning security for their projects: If the stair connection is carried out in accordance with the approval, the load-bearing capacity is verified and verification no longer has to be carried out by the structural engineer.

**Solvent-free and resource-saving production**

Verified product quality on the one hand, optimised and more sustainable product variants on the other: Thanks to the use of segmented elastomeric bearings, release and cleaning agents can now be completely dispensed with in the production of the proven Tronsole type F and type B impact sound insulation elements at the Halle (Saale) plant. Release agents ensure that parts can be quickly and safely released from the mould during production. The use of chemical emulsions, however, can harm the environment and be detrimental to health. The developers at Schöck found the key to release agent-free and thus more environmentally friendly production when changing over the mould geometry to segmented bearings. Dispensing with release agents also leads to an even cleaner, safer working environment and protects the health of employees.

Another advantage: The segmented bearings are more environmentally friendly, since resources can be saved – without additional cost and with higher quality – because a higher-quality and more efficient material is used, which means that less of it is needed.

**Sustainability as a benchmark for optimisation**

In line with the vision of company founder Eberhard Schöck of making tomorrow's building more modern and more efficient, sustainability has always been an essential factor at Schöck and guides the development of all our products. With the further developed Tronsole type F and type B, Schöck is once again living up to this claim.

Tronsole type F and Tronsole type B with segmented elastomeric bearings have been available in Germany since May 2022.

2,790 characters (incl. spaces)

[www.schoeck.com/tronsole-zulassung/de](http://www.schoeck.com/tronsole-zulassung/de)

**Images**

**[Schoeck\_Tronsole-segmentierte Elastomerlager\_1]**

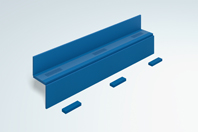
Ein Bild, das Text, drinnen enthält.

Automatisch generierte Beschreibung

*The staircase support with Schöck Tronsole type F with segmented elastomeric bearing has been approved for the first time.*

*Photo: Schöck Bauteile GmbH*

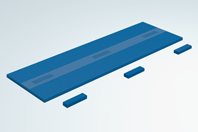
**[Schoeck\_Tronsole-segmentierte Elastomerlager\_2]**



*Schöck Tronsole type F for connection between stair flight and landing with bracket support.*

*Photo: Schöck Bauteile GmbH*

**[Schoeck\_Tronsole-segmentierte Elastomerlager\_3]**



*Schöck Tronsole type B for connection of the stair flight to the floor slab.*

*Photo: Schöck Bauteile GmbH*

**For any questions, please contact:**

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**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.