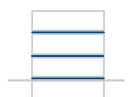


**Schöck Dorn is now
Schöck Stacon®.**

SCHÖCK STACON® TYPE SLD

Compact for the highest performance.



Shear force dowels for secure and constraint-free connection of reinforced concrete structural components in expansion joints.

The new generation.

Higher load-bearing capacities in thinner structural components – Schöck Stacon® Type SLD now satisfies this complex demand. With its more compact dimensions, higher load-bearing levels can be achieved in thinner floor slabs and walls. Furthermore, less on-site reinforcement is required. This optimised product is the result of years of research that have led to more realistic design models.

Benefits

Higher performance in thin structural components

Schöck Stacon® type SLD has smaller dimensions, allowing higher load-bearing levels to be achieved in thinner structural components.

Superb cost effectiveness

The optimised heavy-duty dowel means that less on-site reinforcement is required. The number of stirrups can be reduced and the hat-shaped brackets are no longer needed on the dowel.

Comfortable planning with Schöck Scalix®

The new Schöck Scalix® design software is the first web application in the market segment for shear force dowels. It runs on all common browsers.

The modular software enables simple design of Stacon® joints. The necessary on-site reinforcement is automatically optimised.

Proven fire protection

The R 120 fire performance classification is documented in the UK Technical Assessment (UKTA 23/6888).

Proven safety according to UKTA

After years of research, Schöck Stacon® type SLD has been awarded the UK Technical Assessment (UKTA 23/6888). The heavy-duty dowel was tested to the state of the art. The new test methods evaluate the free movement, load-bearing capacity of the steel and the concrete, serviceability and the structural strength.

Ready to install and maintenance-free

Schöck Stacon® is made of stainless steel, and is supplied ready for installation – for secure and maintenance-free connections.



For further information on Scalix® visit www.schoeck.com/gb-en/scalix



UK Technical Assessment with UKCA mark in accordance with UKTA - 23/6888





During the years of development work, the Stacon® type SLD was tested in realistic trials that evaluated the longitudinal and transverse movement as well as the load-bearing capacity of the concrete and the steel.

Innovation through intensive research

Load-bearing capacity of the steel

The elastic load-bearing capacity of the dowels was determined precisely in numerous tests at different load-bearing levels.

Anchorage in the concrete

The optimum length of the anchorage was determined by tests with different stirrup lengths.

Concrete edge failure of the slab

The concrete edge failure next to the dowel was investigated using different on-site stirrups. The results of these investigations were used to optimise the computation model, thereby reducing the amount of on-site reinforcement required.



The new heavy-duty dowel: Schöck Stacon® type SLD

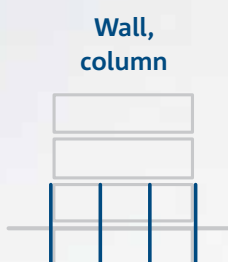
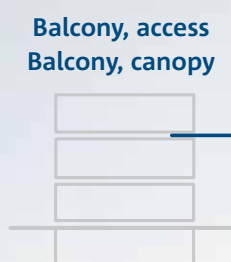
Further information at:
www.schoeck.com/stc-sld/en-gb



COMPREHENSIVE EXPERTISE

Dependably the right solution.

Using our future-proof product solutions and systems, we fulfil all structural, physical and construction requirements of the respective application for new construction projects and existing buildings. Our main areas of focus are the reduction of thermal bridges, impact sound insulation and reinforcement technology.



Staniford House
4 Wedgwood Road
Bicester
Oxfordshire, OX26 4UL
Telephone: 01865 290 890
design-uk@schoeck.com
www.schoeck.com