

STRIFF® Shear Dowel

Expansion Joint System

- High load capacity for expansion joints up to 80 mm width
- Optimised load-deformation behaviour, especially in-service condition
- High corrosion resistance
- Simple and time-saving installation
- Longitudinal or longitudinal and transverse displaceable versions
- Reduced crackling noises during movements thanks to rectangular cross section.

Expansion or contraction joints are designed in concrete structures to reduce or prevent constraints (e.g. due to thermal expansion), which could lead to structural integrity damages like structural cracks. STRIFF® Shear Dowel system supports movement of the concrete structures in transverse and/or longitudinal directions of the expansion joints, to prevent mentioned constraints and further damages. In the same time STRIFF® restricts movement of concrete structures in vertical direction by securing the same horizontal level of connected structures.

STRIFF® Shear Dowel is available in two load models: STRIFF® 43 and STRIFF® 51. Both models consist of rectangular cross sections which significantly reduce stresses at the contact areas and has a positive effect to reduction of crackling noises during movements.

Thanks to using high-quality stainless-steel material, STRIFF® Shear Dowel is suitable not only for interior conditions.

