

HIT-SMV – extremely versatile: THE STEEL TO CONCRETE CONNECTOR

NEW



YOUR BEST CONNECTIONS

The benefits at a glance:



- › Reliable installation of the connecting notch



- › Type tested and building authorities approved



- › Connected components are freely adjustable

HIT-SMV – EFFECTIVE APPLICATION OF BENEFITS: robust > versatile > functional > approved



Steel structures, steel balconies, canopies or shading systems are often connected to reinforced concrete elements. Steel's high thermal conductivity requires an efficient thermal separation in the connection to minimize thermal bridges, to reduce the higher energy consumption, and to prevent condensation damage to the structure.

HALFEN HIT Insulation connections for steel-to-concrete application reduce thermal bridges to a minimum with high loads transfer capability.

ROBUST

The elements are designed to be robust and suitable for on-site installation. They are characterized by a weather-resistant box as reliable protection for the mineral wool insulation core.

VERSATILE

The integrated steel, angled slotted bracket is easily and freely adjustable. The bevelled edge of the bracket ensures reliable and even support of the notch even with the typical manufacturing tolerances for weld seams. Deformations in the balcony are accounted for on installation with the treaded ends of the tension rods.

FUNCTIONAL

Simple and quick installation: An installation aid is fitted as standard. This is used for adjustment in the formwork and to facilitate installation.

APPROVED

All steel to concrete connectors are approved by the DIBt* Berlin. Apart from the design concept and the construction specifications, the determination of the equivalent thermal conductivity is also regulated.

*DIBt German Institute of Construction Engineering.

HALFEN GmbH

Liebigstr. 14 · 40764 Langenfeld · GERMANY

Phone: +49 (0)2173 / 970-9030

Fax: +49 (0)2173 / 970-225

E-Mail: info@halfen.com

www.halfen.com

The quality management system of HALFEN GmbH is certified for the locations in Germany, France, the Netherlands, Austria, Poland, Switzerland and the Czech Republic according to **ISO 9001:2015**, Certificate No. 202384-2016-AQ-GER-DAkkS.

