

# NEW

**HIT-MVX – easy-install connection:**

## **THE SYMMETRICAL BALCONY CONNECTION**



### All features at a glance:



> CE marking with European Technical Approval



> HIT-Insulated connection with double-symmetric CSB (Compression Shear Bearing)



> Installation direction irrelevant due to the symmetrical design



> Maximum fire protection classification



> Multi-part design



> Effective Planning with HALFEN Software

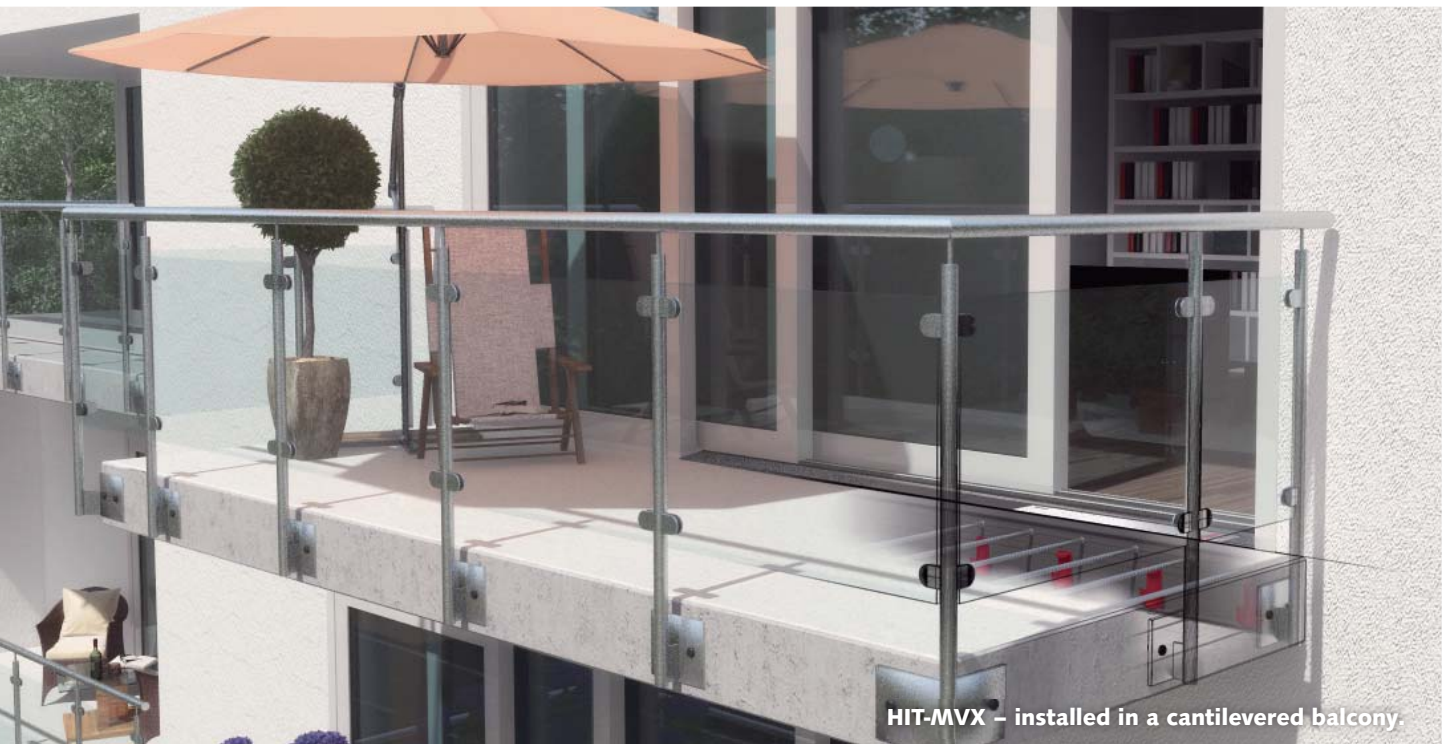


**HALFEN**

YOUR BEST CONNECTIONS

# CHECK OUT THE VERSATILITY!

HALFEN HIT INSULATED CONNECTIONS – THE SOLUTION FOR ALL APPLICATIONS.



HIT-MVX – installed in a cantilevered balcony.



All further possible applications can be found in the HIT application brochure at [www.halfen.com](http://www.halfen.com)

## YOUR BENEFITS WITH HIT

### > Reliable installation!

Due to the unique shape of the double-symmetric CSB the balcony connections for cantilevered balcony slabs are symmetrical (HIT HP/SP MVX). This means they can be installed irrespective of the slab or balcony orientation.

### > RELIABLE PLANNING!

HIT Insulated connections fulfil the fire prevention requirements for fire resistance classification REI 120 and have building authority approved  $\Psi$ -values for a standards conform, detailed, thermal bridge verification.

### > VERSATILE APPLICATION!

HIT Insulated connections are the correct solution for all applications. A wide product

range with numerous combinations is available (from HIT-HP with 80 mm insulation thickness to HIT-SP with 120 mm insulation thickness).

### > OPTIMAL THERMAL INSULATION!

With the reduced tension rebar thicknesses, the reduced penetration points and the uninterrupted thickness of the thermal insulation; HIT Insulated connections have optimal thermal bridge characteristics.

### > ECONOMICAL PLANNING!

The HIT calculation software has an integrated cut-offs optimization which results in particularly economical planning. This allows quick installation of HIT Insulated connections.

### > NEW: INSTALLATION TO PRESTRESSED PREFABRICATED CONCRETE SLABS!

HIT-MVX balcony connection can now be used in prestressed prefabricated slabs. The balconies are installed independently of the direction of the stress elements in the ceiling using structural concrete-topping and monolithic prestressed precast slab elements. HALFEN developed this solution in cooperation with the company DW Systembau.

### > OPTIMIZED, EFFICIENT TRANSPORT!

The robust HIT Units ensure safe transport. The multi-part design and individual packaging of the separate parts of the HIT also allows shipping and transportation to be optimized.

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