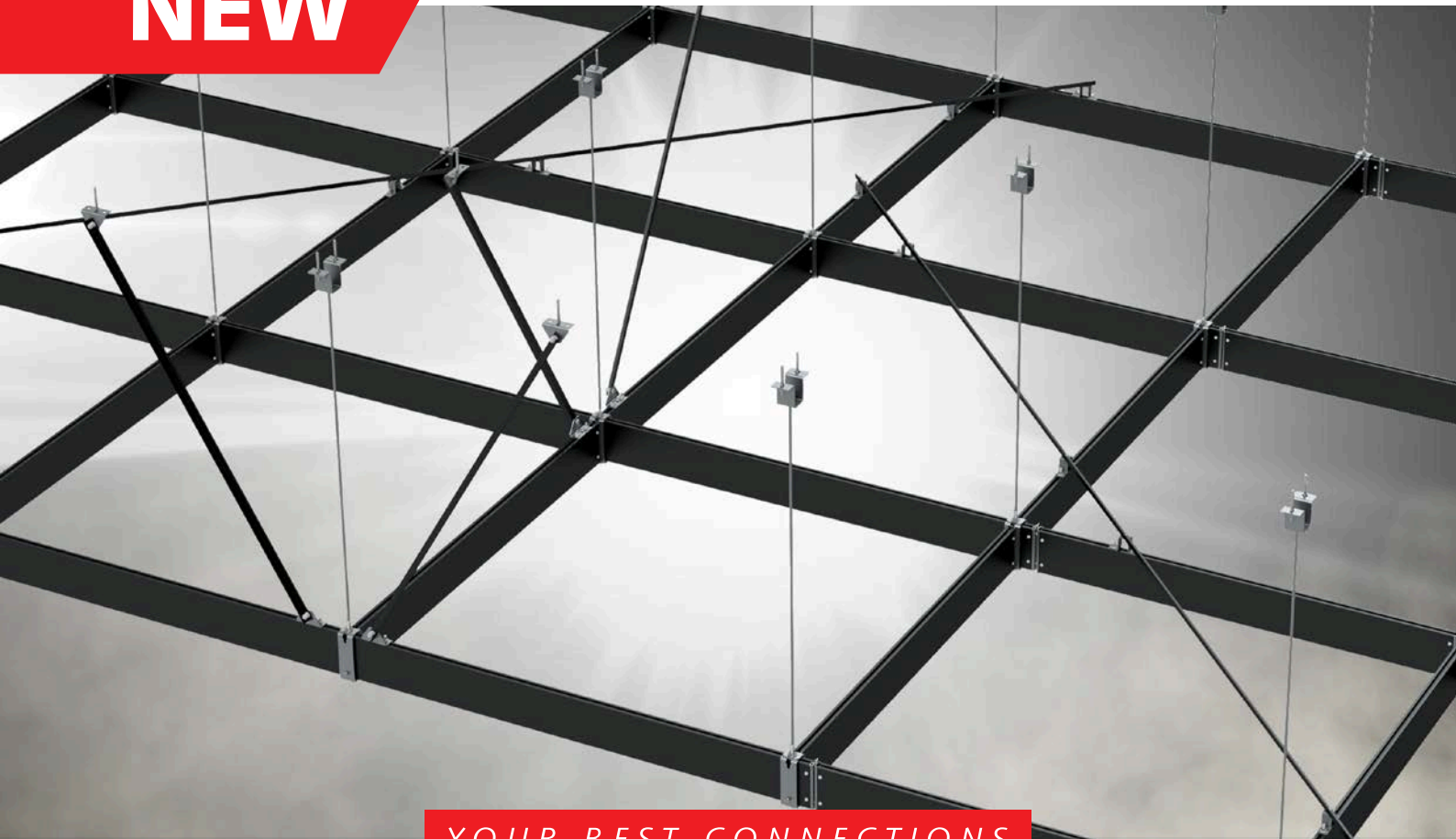


HALFEN HVG VERSOGRID

Installation grid

THE VERSATILE FIXING SYSTEM

NEW



YOUR BEST CONNECTIONS

Benefits at a glance:



- › Simple and quick installation and removal of the cross elements – no bolts required!



- › The VERSOGRID main profiles and cross elements weigh 5.5 kg per metre!



- › The versatile system also allows load suspension via the cross elements!

The versatile solution for large halls: **APPLICATIONS FOR VERSOGRID**

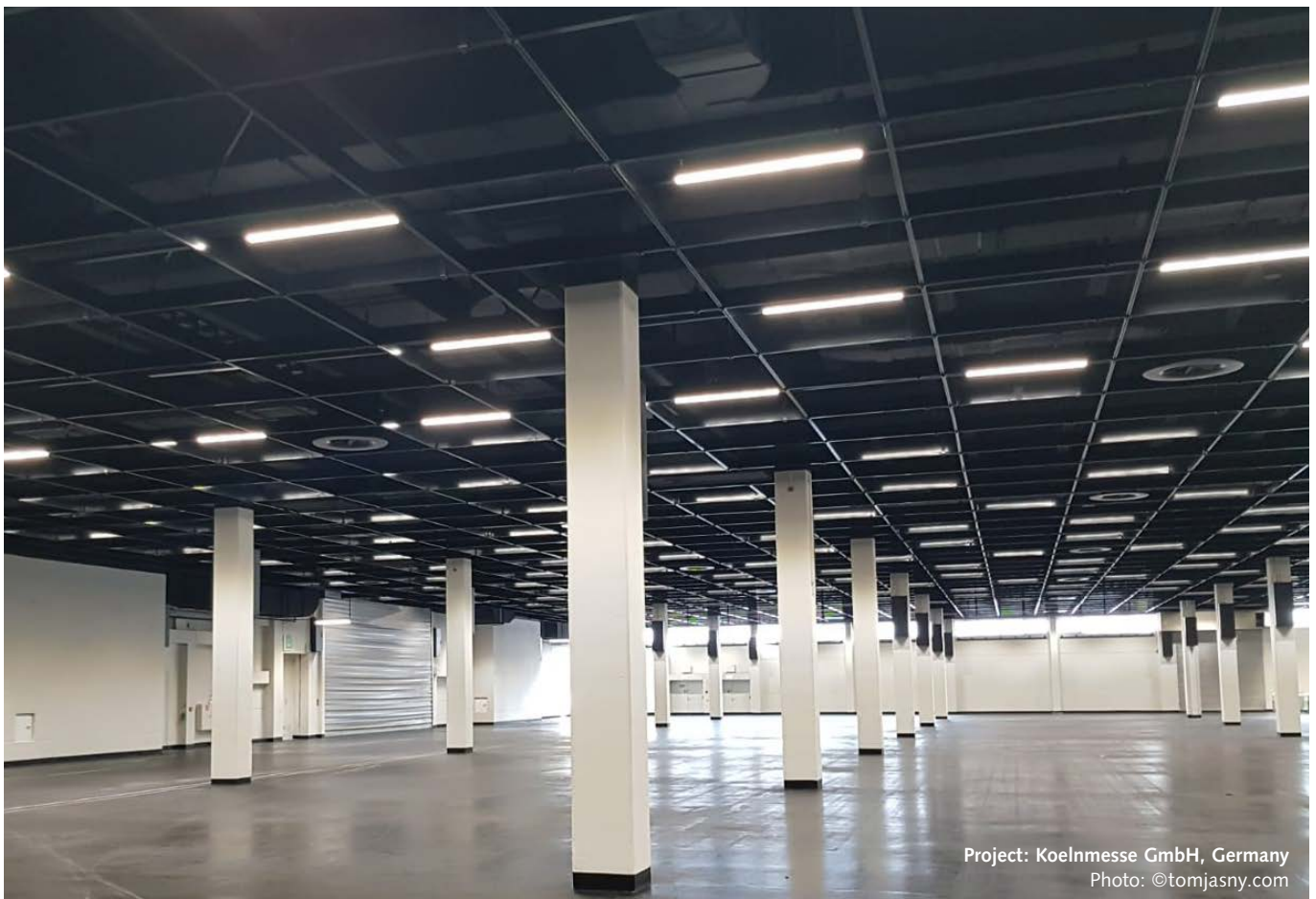
Whether in exhibition halls, train stations and airports or other large indoor venues with fluctuating public traffic, suspension systems must be designed for maximum flexibility and adaptability. Roof and ceiling elements – beams, girders, existing building services or unevenness in the main building structure – often make installation difficult when large display screens or panels, loudspeakers or spotlights or other objects and paraphernalia need to be installed.

HALFEN VERSOGRID provides an innovative solution: The installation grid creates a level plane below concrete roofs and steel girder structures – requires minimal time and installation work.

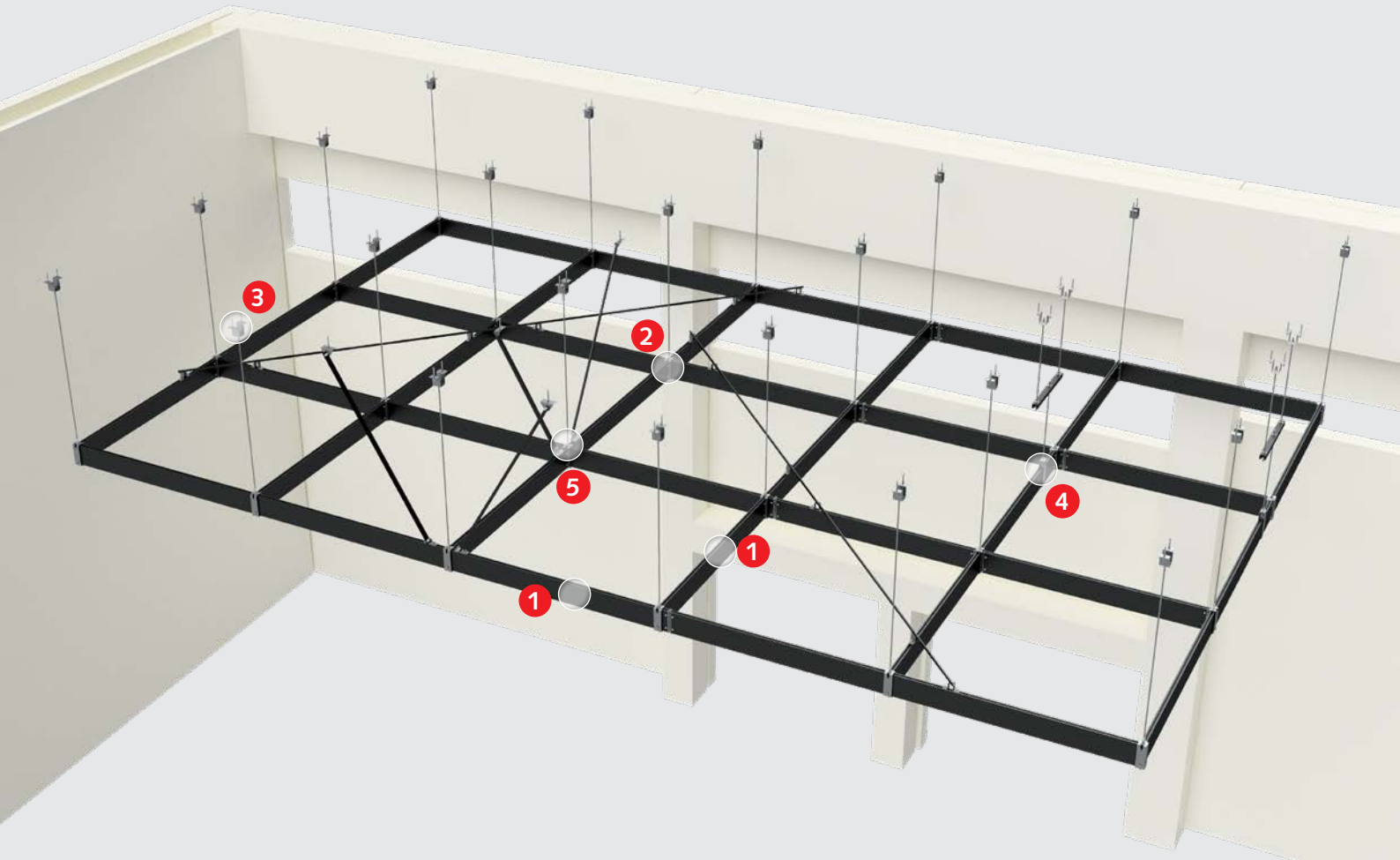
The individual components with a weight of only 5.5 kg/m are connected and secured without requiring any tools. The double slot profile allows load-bearing elements to be fixed under the grid using suspension ring bolts, and cable ducts or other media supply components to be fixed on top of the grid structure. Individual profile elements are easily and quickly removed and replaced. This allows necessary repairs, e.g. to media supply lines to be carried out quickly and efficiently. The large selection of RAL colours for the powder coating also ensures a unique and overall very aesthetic design.

THE BENEFITS

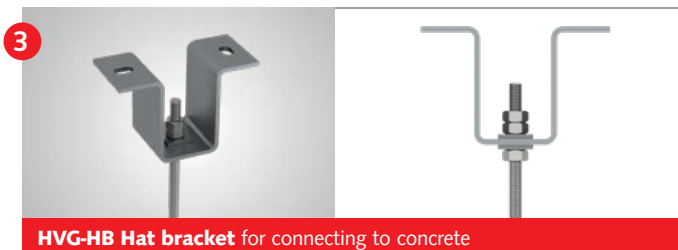
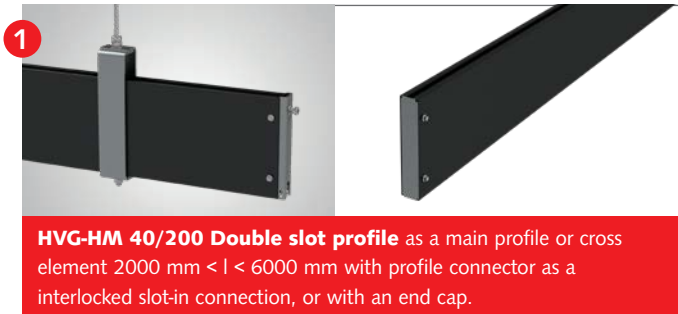
- › **Light-weight:** The main profiles and the cross elements only weight 5.5 kg per metre.
- › **Fast installation:** Simple and quick installation and removal of the cross elements – no bolts required.
- › **Variable:** Suspension is also possible via the cross elements, if pipes, services e.g. are located above the main profiles.
- › **Minimal visible joints:** All butt joints have ± 1 mm longitudinal tolerance to allow for temperature expansion and installation tolerances.


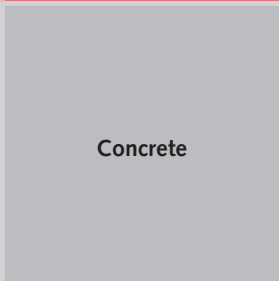

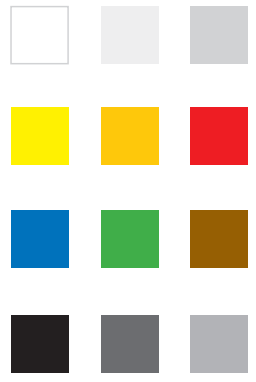

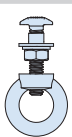


Project: Koelnmesse GmbH, Germany
Photo: ©tomjasny.com



SYSTEM OVERVIEW



| Main profiles and cross elements | | Weight | max. allowable point load capacity | Connect using system components to | Colour selection; available on request |
|---|--|----------|------------------------------------|---|---|
|  | HS 28/15 | 5.5 kg/m | 3.0 kN |  Concrete  Steel |  |
|  | HVG-HM 40/200 strip-galvanized powder-coated | | | | |
|  | Suspension ring bolt HVG-SR | | | | |

THE CONCEPT BEHIND THIS INNOVATIVE SYSTEM!

The HALFEN HVG VERSOGRID Installation grid is a system for installation of lighting and media equipment. It is ideal for regular configuration and re-configuration of suspended loads. The double slot profile allows components to be fastened to both the top and bottom over the entire length of the profile.

Depending on load requirements grid spacings between 1.0 m and 6.0 m are possible. Using a single channel type for both the main profiles and cross elements provides a flush installation plane. This makes the cross elements equally suitable for suspension.

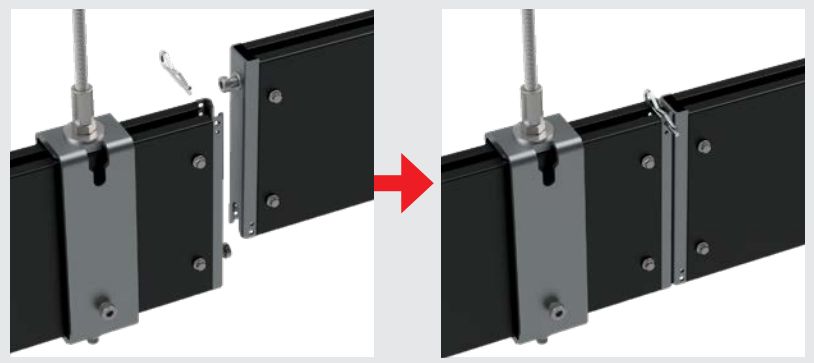
Using the system components the installation grid is fastened either to concrete with dowels or with clamps to steel girders.

NO TOOLS REQUIRED; INTERLOCKING INSTALLATION



The main profiles and cross elements are fixed using a bolt-free, interlocking connection element. The lightweight profiles can therefore be attached by one person in minimal time without requiring any tools. When installation is complete, the connection is secured against accidental separation using R-clips (split pins).

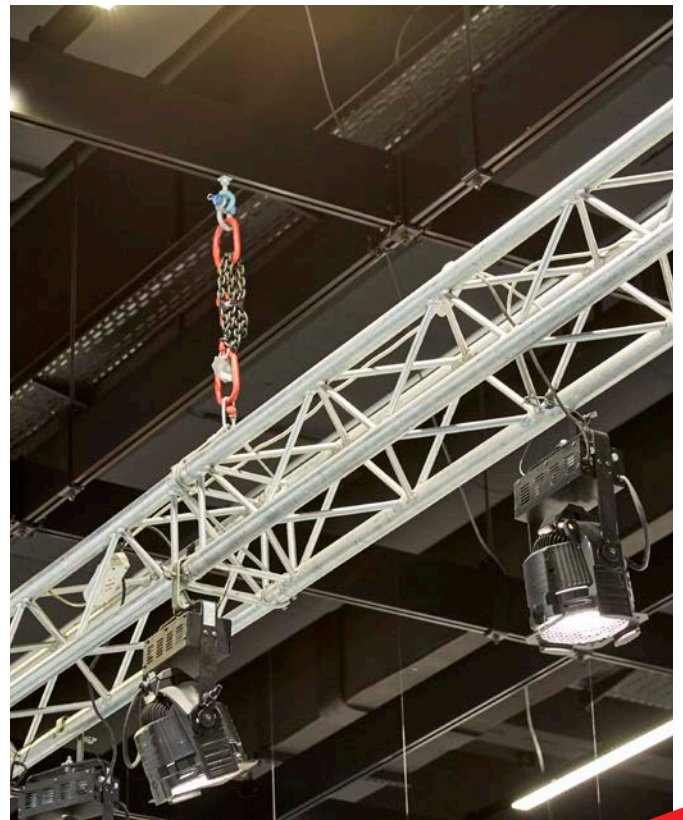
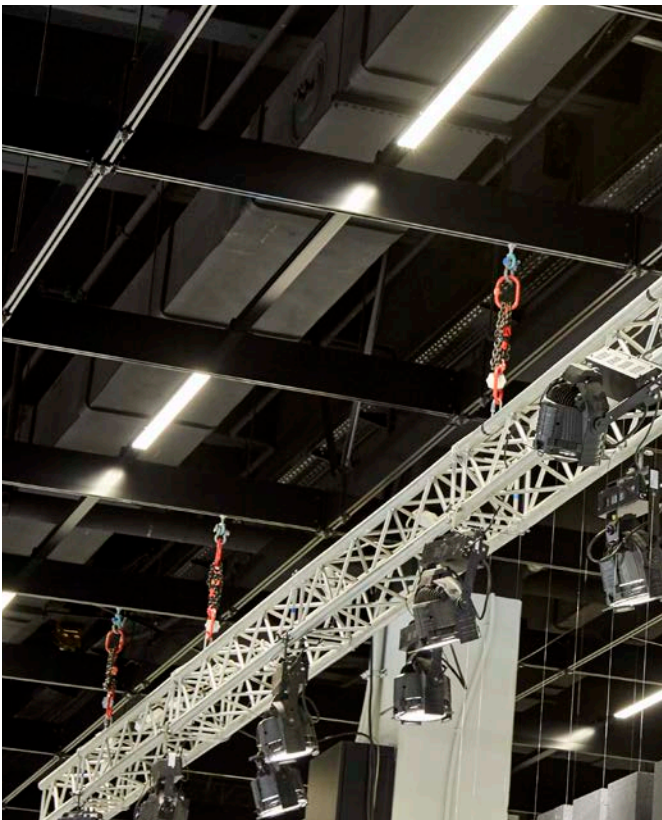
Connecting the main profiles:



Connecting the cross elements:



REFERENCE:
KOELNMESSE GMBH, GERMANY





YOUR BEST CONNECTIONS

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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.

