

Weather protection
in lightweight design,
made of aluminium

Verified structural strength

Certification according to
DIN ISO 9001/EN 29 001
by TÜV-CERT

Keder Roof and Hall System

Fast. Lightweight. Cost effective.



Layher® 

More Possibilities. The Scaffolding System.

More possibilities. With sophisticated technology.

Layher Keder Roof and Hall System.

F a s t . L i g h t w e i g h t . C o s t e f f e c t i v e .



▲ Rapid assembly of the beam elements thanks to spigot connections on the ground; securing of the joints with pins.



▲ The pre-assembled trusses are placed on the beam supports, plumbed upright and clamped tight, then the next truss is fitted, and they are braced to each other.



▲ The support with 3 rotary axes and 4 degrees of freedom permits the construction of mono-pitch and double-pitch roofs; tolerances in the substructure are easily compensated for.

It has to happen fast, it has to be weather-tight, technically convincing and visually perfect, and the costs have to be well within the profitable zone: the Layher Keder hall system manages the lot.

In conjunction with the familiar sheeting with keder rails, it is the **economical and inexpensive complete solution in light-weight design.**

For roofing of medium-sized buildings with up to 18.7 m spans (additional braces permit larger spans); for refurbishment work on motorways (while traffic is passing); as roofing for podiums and stands; wherever rainproof covering is required:

With its keder system, Layher always has a solution to hand that also meets high aesthetic standards.

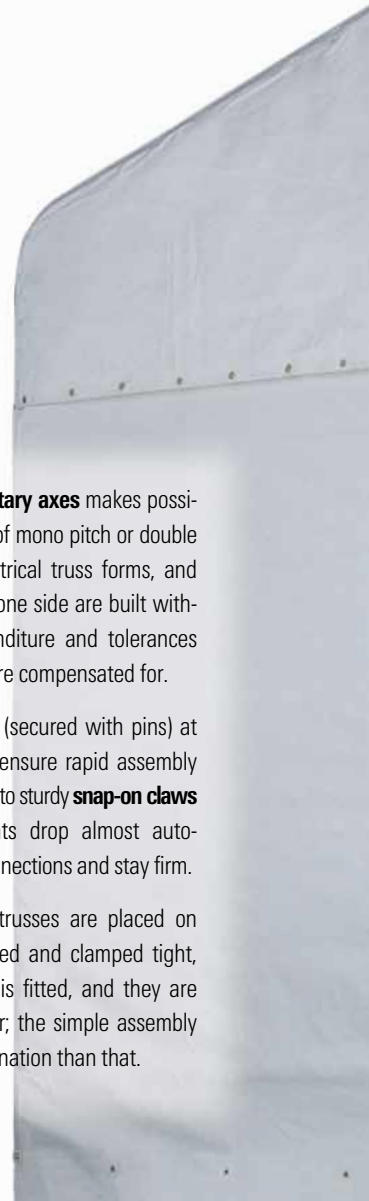
The principle is simple – for fast assembly without crane: with standard SpeedyScaf or Allround material, you build the supporting structure – and on this **without needing a crane** the keder roof, in bay widths of 2.57 m and with a weight of around 8 kg/m² for the aluminium roof structure.

The bending-resistant corner and frame support are quick-to-assemble and system-conforming support structures for the aesthetically discriminating customer.

A **support with 3 rotary axes** makes possible the construction of mono pitch or double pitch roofs; asymmetrical truss forms, and eaves projecting on one side are built without additional expenditure and tolerances in the substructure are compensated for.

Spigot connections (secured with pins) at the beam elements ensure rapid assembly on the ground, thanks to sturdy **snap-on claws** the bracing elements drop almost automatically into the connections and stay firm.

The pre-assembled trusses are placed on the supports, plumbed and clamped tight, then the next truss is fitted, and they are braced to each other; the simple assembly needs no more explanation than that.

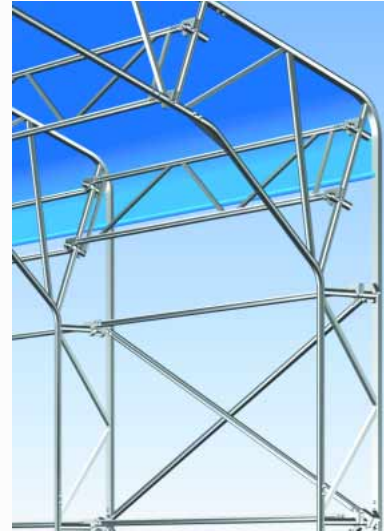


More possibilities. With variable assembly.

Allround protection, fast and without crane.

The complete solution in lightweight design.

For special hall structures, the bending-resistant corner connects the keder roof and the wall element: so the keder rail is available right from the ground.



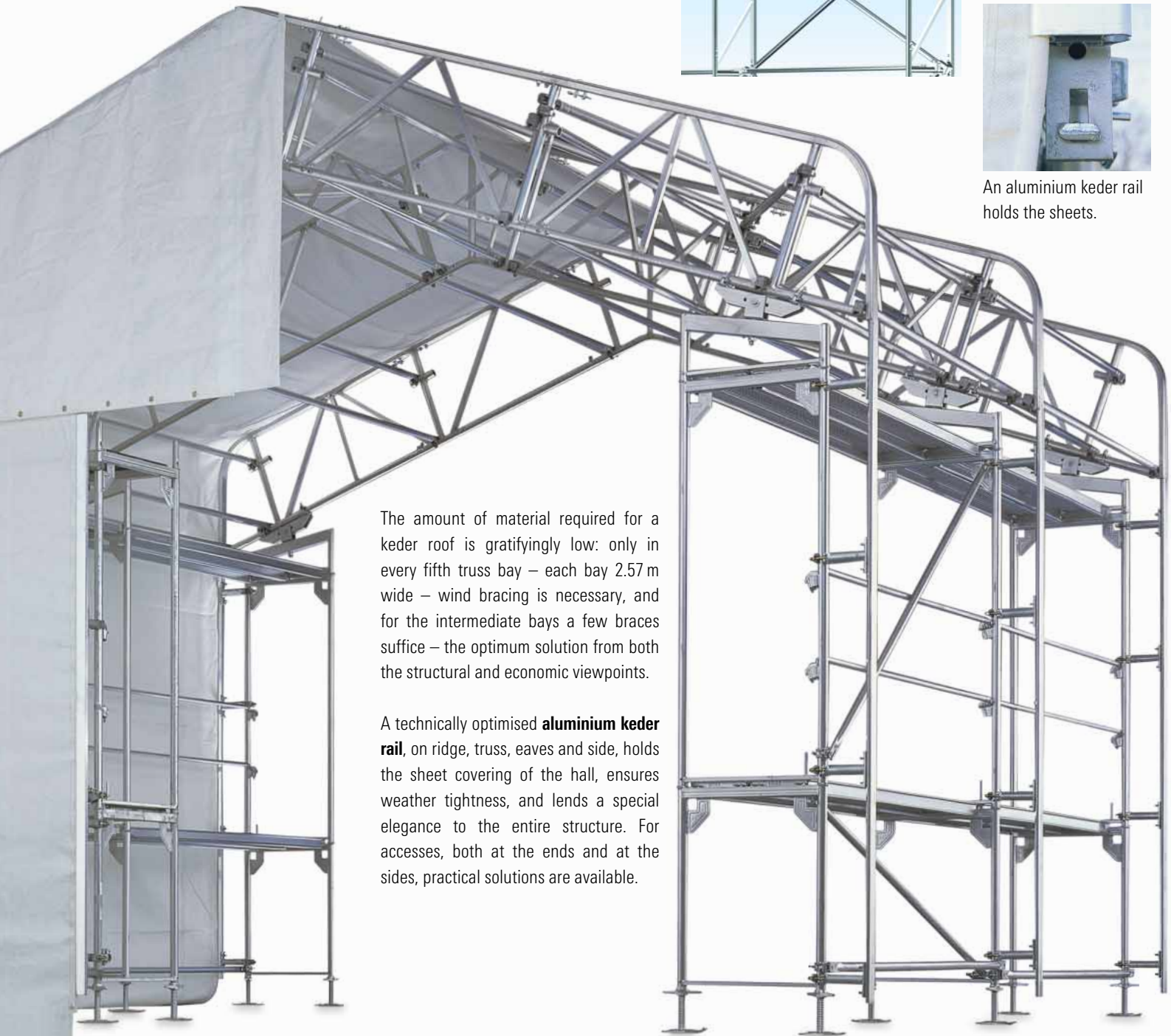
Snap-on claws ensure very fast attachment to the tubular supports on the beams and transmit the loads via the connector.



An aluminium keder rail holds the sheets.

The amount of material required for a keder roof is gratifyingly low: only in every fifth truss bay – each bay 2.57 m wide – wind bracing is necessary, and for the intermediate bays a few braces suffice – the optimum solution from both the structural and economic viewpoints.

A technically optimised **aluminium keder rail**, on ridge, truss, eaves and side, holds the sheet covering of the hall, ensures weather tightness, and lends a special elegance to the entire structure. For accesses, both at the ends and at the sides, practical solutions are available.



Wherever and whenever a roof is needed quickly, and one that's also versatile in assembly and light in weight: the Layher keder roof system is jack-of-all-trades and at home on every "stage"; ensuring solutions that fit every time and – above all – that are inexpensive.



There are suitable side coverings for every requirement:
 e. g. with keder tarpaulin in keder rail;
 e. g. with the Protect System in modular design,
 with translucent cassettes to admit even daylight,
 lockable doors, and much more besides;
 also available for metric bay lengths.



Weather protection: lightweight & economical.

O n e S y s t e m f o r R o o f a n d W a l l .



Wind braces are only needed for every fifth bay – **Aluminium** components reduce the weight and hence speed up assembly; snap-on claws are quick-connection elements that drop into their holders and stay firm. (Spans up to 15.6 m as per illustration)



The economic weather protection in lightweight design and with attractive appearance is assembled in a very short time without crane: a persuasively inexpensive complete solution for the roofing of small and medium spans. Whether it's for a mono-pitch, double-pitch or asymmetrical roof, for use in refurbishment work or as weather protection for stages and platforms – this system is guaranteed to fit in with every plan. The supporting structure compromise SpeedyScaf or Allround equipment already in use or comes from Keder system components; investment in the keder hall system is an investment in a profitable future for you.

The Layher system's advantages:

Fits Layher's SpeedyScaf and Allround scaffolding

Lightweight aluminium components
Assembly without crane.

Snap-on claw
Unbelievably quick to assemble.

Versatility in every direction
For use as roof, expanding into a complete hall using the keder wall.

Attractive appearance
Attention-getting,
"good for image".

We're there for you. Wherever and whenever you need us.

Layher in Germany

Branches and delivery warehouses nationwide.

Layher International

Subsidiaries:

Argentina, Austria, Belgium, Canada,
France, Italy, The Netherlands,
Poland, Spain, Sweden, Switzerland,
United Kingdom, USA.

Representatives:

Chile, Croatia, Czech Republic, Denmark, Estonia, Finland, Greece,
Hong Kong, Hungary, Iceland, Japan, Kuwait, Latvija, Lebanon,
Lithuania, Luxembourg, Mexico, New Zealand, Norway, Oman,
Romania, Russia, Saudi-Arabia, Singapore, Slovakia, Slovenia, Ukraine,
United Arab Emirates, Yugoslavia and many other countries.

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All dimensions and weights are guideline values.
Subject to technical modifications.
We shall make delivery exclusively on the basis
of our currently valid general terms of business.

The Layher Product Range

