

Grid Norm

The inexpensive standard cross-rail mounting system

- composed of inexpensive standard rails
- flexible
- can be combined with all Schletter system component parts
- high-quality, durable materials
- 10 year guarantee – just as on all Schletter systems



Application

- For all standard application we suggest the **Schletter Standard** system, the unrivalled simple, flexible and fast fastening of cross rails directly to the substructure.
- Cross rail mounting systems (**Schletter GridTop und Schletter GridNorm**) are ideal for cases in which the substructure only offers disadvantageous fastening points or in which the position of the cross rails has to be adapted to the module rows. Application examples: all eternit or trapezoidal sheet metal roofs with horizontal battens or cross mounting of modules on pantiled roofs with disadvantageous row sectioning.
- **GridNorm gives you the possibility to compose cross rail mounting systems of the usual rail systems (Solo, Profi). So you can compose cross rail systems without additional stock keeping or also retrospectively rebuild a usual system to a cross rail mounting system.**

Important hint:

Don't use cross rail mounting systems to save roof hooks or fastening points! The needed number of roof hooks only depends on the carrying capacity of the roof hooks and not on the rail system!

Component parts

Usually a standard profile without cable duct (e.g. Solo) is used as **base profile**. Because of the screw ducts it matches all standard substructure component parts of the Schletter series and also different roof hook types.

For the **cross beams** you can use profiles with (e.g. Profi) of without cable duct (e.g. Solo).

The **cross connector** is vertically and horizontally freely moveable. The double screwing offers save halt, regardless of the orientation.



1st step
Screw the cross connector to the bottom profile (2 x M8)



2nd step
Attach the top profile (2 x M10)

GridNorm also for big span lengths!

With the GridNorm system you can also use mounting structures of the DN series as bottom rail. Like this you can for example bridge big purlin distances (example: DN1 mounting structure on the bottom, running from the eaves to the ridge on FixT connections, and Profi05 as cross beam). Because of calculatory reasons in this special case you have to use the system name KompaktVario in the auto calculator (select cross connector instead of support top part).

Technical specifications

Material	Profile rails: aluminium Connector: VA sheet metal 1.4301
Statics	DIN 1055 new and Eurocode 1 System statics for span lengths and number of fastening points
Calculation and ordering	Automatic system composition with the auto calculator software, system GridNorm. When you have especially big purlin distances with DN mounting structures as bottom rail system KompaktVario

Get all system prices fast and easily with our auto calculator!