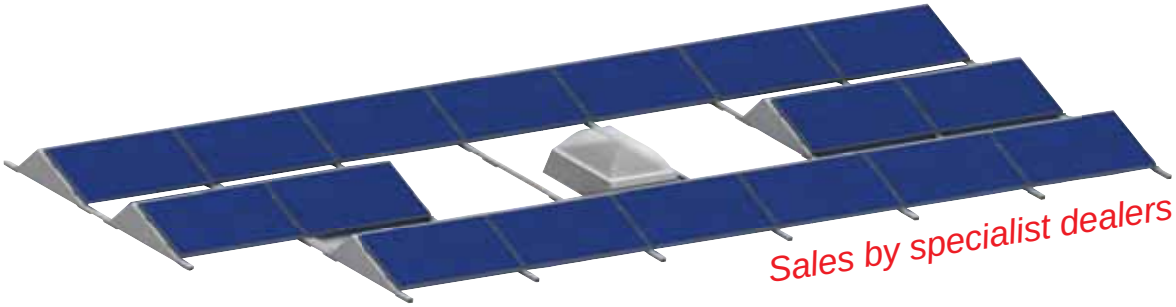
Solar
Profile
Engineering + Production

R·B·B Aluminium®
PROFILTECHNIK

quickFix

Our solution for your PV-flat roof assembly



Sales by specialist dealers

www.tuv.com
TÜVRheinland®
ID:0000032994

Made in Germany

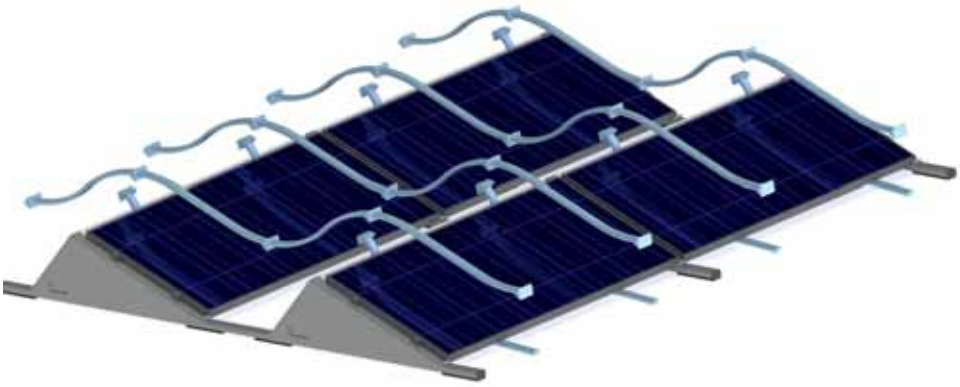
www.rbb-quickFix.de

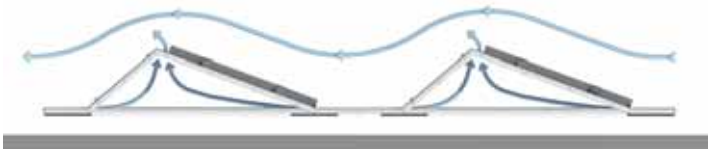
quickFix

The System

quickFix is a TÜV-tested aerodynamic assembly system for installing photovoltaic modules on industrial flat roofs.

Its aerodynamically optimised construction makes this non-roof-penetrating system particularly suitable for roofs with low load reserves. Assembly is just as possible on film and bitumen roofing as it is on gravel or green roofs.





Since assembly time is an increasingly important factor in the total cost scenario of a PV-System, special attention is directed at the development stage towards ease of installation. The fully pre-assembled system components ensure a smooth and efficient installation process. An additional benefit of this construction, besides the short assembly time, is that possible sources of installation error are excluded right from the start (e.g. incorrect rivet joints, metal swarf landing on roofing material causing leakage, etc.).

The preassembled roof protectors guarantee the firm hold of the solar installation while also affording the roofing material long-term protection from damage. A special aluminium protective layer prevents the migration of plasticisers between the sealing films (e.g. soft PVC) and the roof protectors.

The innovative frame construction ensures that water can drain in all directions from the roof in sufficient quantity.

Thanks to the use of screw joints, the **quickFix** system can be dismantled at any time, for example to allow renovation of the roof surface.
All the components required for installation are included, including any ballasts needed – as are individualised installation plans.

The package also contains an optional DC cable guide system for professional cable runs within the frame system, as well as a twenty-year guarantee on the materials used.

The Benefits

- **No** roof penetration
- No additional ballasts in standard installations
- **Completely preassembled –** ensuring easy handling and minimal installation times
- Extremely high stability at low own weight
- Tested by TÜV Rheinland
- Wind tunnel-tested by the RWTH Aachen Aerodynamics Institute
- Extremely rapid installation requiring only a single tool
- Structural calculations for every project
- Optimum orientation on all buildings
- Optimum rear ventilation of module = increased yield
- Highly durable materials: aluminium and stainless steel
- Twenty-year guarantee

Specifications

Module inclination	15° and 20° possible
Distance between rows at 15°	1,77 m
Distance between rows at 20°	2,00 m
Maximum roof inclination	5°, in exceptional cases up to 7°
Surface load excl. module	Approx 4 kg/m²
Standing area per module at 15°	Approx 2,96 m²
Standing area per module at 20°	Approx 3,34 m²
Minimum configuration	3 x 3 modules
Specified boundary area	As per DIN 1055-4
Module mounting	Clamping on the short side of the module
Tools required	Allen key, 6mm, or Cordless screwdriver with torque cut-off
Wind load zone	1-2 ballast free, depending on height of building 3-4 with appropriate ballasts
Snow load zone	1 to 3
Terrain height	Up to 1,000 m above sea level
Certificates	TÜV Rheinland, ID: 0000032994
Wind tunnel testing	Aerodynamics Institute, RWTH Aachen
Servicing	Maintenance gangways enable easy access
Dismantling	Possible at any time