

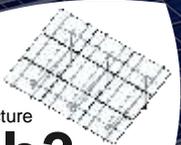


Mounting Systems for solar panels

10 reasons to choose ExelGroup Mounting Structures

1. Qualitative construction from high-strength, hot-dip galvanized steel (limit 750 N/mm² ASDF) according to the ISO 9001/2008 procedure. Use of full-hard material for high resistance and low weight as well as use of zinc for high anticorrosion protect and low cost
2. Easy installation of the mounting structure (weight of every single piece < 25kg) and easy installation of the photovoltaic modules on the mounting structure (special designed clamps for easy and safe use)
3. Long service life
4. Certified endurance to high wind and snow loads according to the Eurocode
5. Capability of installation in all types of terrains and roofs
6. Competitive price
7. Long life guarantee: 25 years
8. Delivered with all the necessary connection parts and installation manuals
9. Constant support before, during and after the sale
10. Capability of ground anchoring with 3 different ways:
 - ✓ Ground poles
 - ✓ Attachment to armed concrete foundation
 - ✓ Metal base plate with excavation and filling

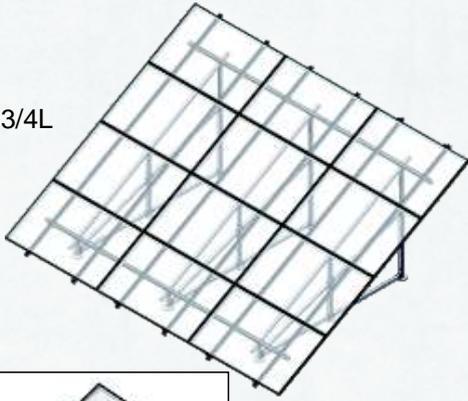
Structure
Rb3



Mounting System Exel RB3

Technical specifications

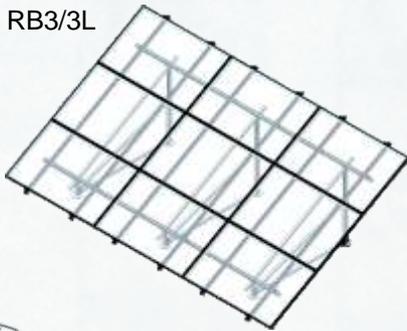
RB3/4L



RB3/2P



RB3/3L



Exel RB3 is representing the ideal mounting structure choice for mounting structures for flat roofs, where more than one PV Panels rows, in portrait or landscape position, are needed.

- Easy gradient adjustment
- Angle adjustment range 17 – 30 degrees
- Secure mounting method with the use of expansion anchors
- Capability of preassembling the photovoltaic module on the mounting structure for fast and easy installation
- For horizontal installations of photovoltaic modules



Technical specifications

Manufactured from high-strength steel (750 N/mm²)

All materials are hot-dip galvanized according to the ASTM A123 standard

Every part of the steel structure is zinc-plated with at least 55 µm thickness (390 g/m²), a procedure which provides resistance to oxidation of up to 40 years

Certified according to Eurocode 1 for:

- o Snow load : 0,68 KN/m²
- o Wind load: 1,10 KN/m², 33m/sec

Tested according to the finite elements method by the Aristotle University of Thessaloniki

An ISO 9001/2008 certified production process product, certified by the certification organization TUV Hellas

No piece without a high anticorrosion protection

Weight RB3/2P = 10kg/m²

Weight RB3/3L = 11kg/m²

Exel RB3 is available in five types :

- ✓ RB3/2P : Angle range 17-30 degrees
PV panels' installation in portrait position
Recommended for strings with over three (3) columns
- ✓ RB3/3P : Angle range 17-30 degrees
PV panels' installation in portrait position
Recommended for strings with over three (3) columns
- ✓ RB3/2L: Angle range 17-30 degrees
PV panels' installation in landscape position
Recommended for strings with over two(2) columns
- ✓ RB3/3L: Angle range 17-30 degrees
PV panels' installation in landscape position
Recommended for strings with over two(2) columns
- ✓ RB3/4L: Angle range 17-30 degrees
PV panels' installation in landscape position
Recommended for strings with over two(2) columns

Tested according to the finite elements method by the Aristotle University of Thessaloniki



Compatible for

Flat roofs

Windy and snowy places

Roofs, where more than one PV Panels rows are needed

Stamp Authorized Partner

www.exelgroup.gr

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