ExelGroup
GREEN TECHNOLOGIES

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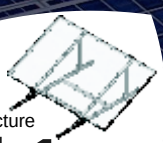
Mounting Systems for solar panels

10 reasons to choose ExelGroup Mounting Structures

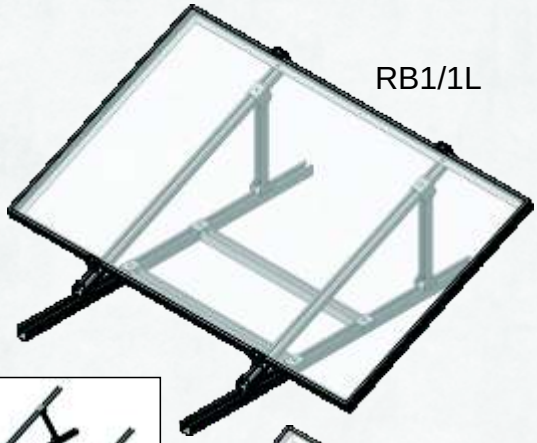
1. Qualitative construction from high-strength, hot-dip galvanized steel (limit 750 N/mm2 ASDF) according to the ISO 9001/2008 procedure. Use of full-hard material for high resistance and low weight as well as use of zinc for high anticorrosion protect and low cost
2. Easy installation of the mounting 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
Rb1

Mounting System Exel RB1

Technical specifications



RB1/1L

RB1/1P

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

Exel RB1 is representing the ideal mounting structure choice for mounting structures for flat roofs and has the following specific characteristics:

- Easy gradient adjustment
- Angle adjustment range 10 – 35 degrees
- Secure mounting method with the use of counterbalance or expansion anchors
- Capability of preassembling the photovoltaic module on the mounting - structure for fast and easy installation
- For horizontal installations of photovoltaic modules

Compatible for

- for flat roofs
- Windy and snowy places

Stamp Authorized Partner

Technical specifications

Manufactured from high-strength steel (750 N/mm^2)
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/m^2), a procedure which provides resistance to oxidation of up to 40 years
Certified according to Eurocode 1 for:

- Snow load : 0,68 KN/m^2
- Wind load: 1,10 KN/m^2, 33m/sec

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An ISO 9001/2008 certified production process product, certified by the certification organization TUV Hellas
No piece without a high anticorrosion protection
Weight RB1 / 1P = 12 kg/position
Weight RB1 / 1L = 10 kg/system (for strings with over 2 PV Panels)

Exel RB1 is available in two types:

- ✓ RB1/1P: PV panels' installation in portrait position
- ✓ RB1/1L: PV panels' installation in landscape position

Kilkis: Ind.Area Stavrochori- B.S 20, Street 12, T: +30 23410 72206, F:+30 23410 71526 E: solar@exelgroup.gr
Thessaloniki: 18th klm Thessaloniki-Ag.Athanasios, T.O. 47, 570 08, T:+30 2310 722 536, F:+30 2310 710 051 E: info@exelgroup.gr
Athens Branch: Poseidonos Av.No 4, Kalithea 17674, T: +30 210 6410860, F: +30 210 6410404 E: menh@exelgroup.gr