

SINGLE PILE DOUBLE PORTRAIT STOCK GROUND MOUNTING SYSTEM

Suitable for all framed
Solar (PV) modules

Patented aluminium
clamp design

CR SINGLE PILE / DOUBLE PORTRAIT

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| APPLICATION | GROUND MOUNTED |
| GROUNDING | SINGLE PILE RAMMING OR DRILLING AND CONCRETE FILLING |
| SOIL CLASSES | SOIL CLASSES 3-5 SOIL CLASSES 5-7 (DRILLING) |
| MATERIAL | COLD ROLL-FORMED PRE GALVANIZED STEEL PROFILES ACCORDING TO EN 10147 - S320 + Z, OR POST GALVANIZED STEEL PROFILES, HOT DIP GALVANIZED PILES IPE, RHS, SIGMA OR C SECTION PILES ACCORDING TO EN ISO 1461:2009 |
| TILT ANGLES | 20° OR 25° (DEGREES) |
| PANEL ARRANGEMENT | DOUBLE PORTRAIT |
| MODULE COMPATIBILITY | FRAMED MODULES, ALL AVAILABLE COMMERCIAL TYPES |
| ACCESSORIES | ALUMINUM MIDDLE AND END CLAMPS: EN AW-6063 T66 EXTENSION KIT |
| CONNECTION TYPE | GRADE 8.8 (GALVANIZED) M12 AND M8 (CLAMPS) ACCORDING TO DIN933, 125, 9021, 985, 912 EPDM RUBBER AGAINST ELECTROLYTIC CORROSION |
| WARRANTY | 20 YEARS |

Norms & Standards

Eurocode 1:

- Actions on structures (EC1, ENV 1991 1-1, 1-3, 1-4),
- Part 1-1: General actions – Densities, self-weight and imposed loads
 - Part 1-3: General actions – Snow loads
 - Part 1-4: General actions – Wind actions

Eurocode 3:

- Design of steel structures (EC3, ENV 1991-1-1, 1-3)
- Part 1-1: General rules and rules for buildings
 - Part 1-3: General – Cold formed thin gauge members and sheeting
 - Part 1-8: General – Design of joints
 - Part 1-10: General – Material toughness and through thickness assessment

Eurocode 8:

- Design of structures for earthquake resistance (EC8, ENV 1998-1-1)
- Part 5: Foundations, retaining structures and geotechnical aspects
- Part 1: General rules, seismic actions and rules for buildings
- National Norms for Earthquake Resistance
- Other Regional Standards where Eurocodes not applicable.