

Helial[®] D

Aluminium supporting structure system for solar panels on a flat roof



- + Supplied with full setting out details: sizing and design calculations in compliance with Eurocodes
- + Adjustable in three directions to facilitate fixing
- + Compatible with the changes to the thermal regulations





dani alu UK Ltd.
Hexagon House, Avenue Four
Witney, Oxfordshire, OX28 4BN
Phone: 01865 595160
Fax: 01865 595161
E-mail: contact@danialu.co.uk
www.danialu.com

Specification clauses

Helial D

Aluminium supporting structure for solar panels on a flat roof

Aluminium supporting structure system, fixed into the concrete roof slab, for solar panels on a flat roof, type Helial D as manufactured by dani alu (phone: +33 4 78 87 12 48).

The system shall comprise:

- posts with shoe plates D, mechanically fixed into the roof slab, supplied with a sleeve-plate factory-coated with bituminous primer for making good the roof covering over the insulation, and an elastomer collar to form a flashing, terminating the roof covering at the top,
- two beams size 99 x 54 mm,
- two triangular supporting structures for each panel.

The assembly shall be designed to comply with Eurocodes.

The design calculations shall be submitted by the manufacturer.

The panels shall be (to be stated):

thermal air-collector panels type _____

photovoltaic panels type _____

In order to simplify the installation of the product, the units shall be adjustable in three directions: at the foot of the post, at the joints between the posts and the beams and at the joints between the beams and the triangular structures.

Detailed setting out drawing

Helial D shall be supplied ready for fixing, with a detailed setting out drawing provided by the manufacturer on the basis of the site dimensions taken by the contractor.

The drawings shall be submitted to the Design Team for approval before manufacture of the system begins.

Installation and qualifications

Installation shall be carried out by a contractor providing evidence of qualifications flat roof coverings.

Installation shall be carried out in accordance with the manufacturer's written instructions.