



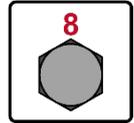
CWL SOLAR SYSTEM

FLAT ROOF SYSTEM

MECHANICALLY MOUNTED

M-384 2601 EN

Patent Pending



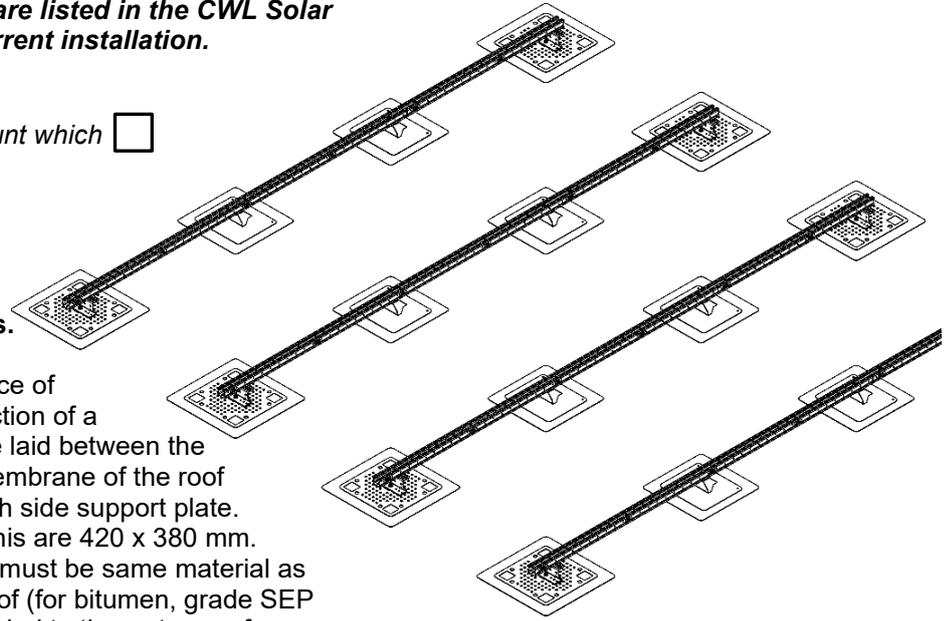
Measure out and accurately mark where the mounting plates and support plates must be mounted on the roof.

All the important measurements are listed in the CWL Solar System Project Report for the current installation.

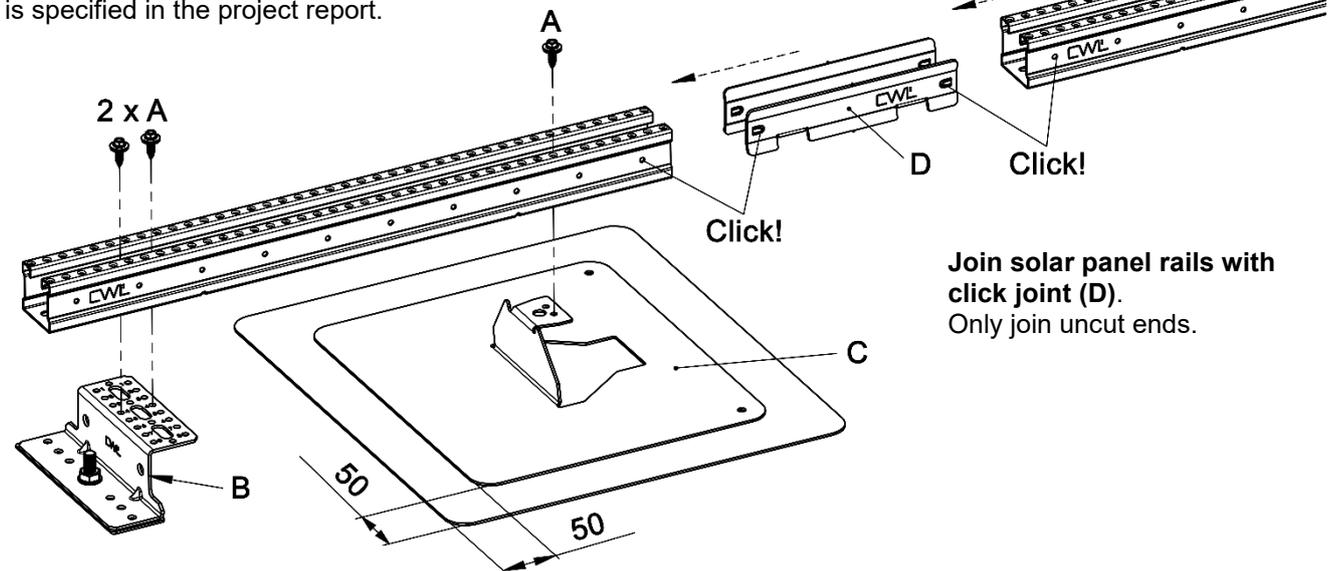
The project report shows welded mounting plate with solar panel mount which  and support plate that .

Install mounting plates with solar panel mounts according to installation instructions **M-360 Fastening for smooth roofs.**

Position the support plates. A piece of waterproof membrane, with the function of a sliding and protective layer, must be laid between the support plate and the waterproof membrane of the roof and protrude at least 50 mm on each side support plate. The minimum dimensions to meet this are 420 x 380 mm. The piece of waterproof membrane must be same material as the waterproof membrane for the roof (for bitumen, grade SEP 5500 TKY-A applies). *It may be welded to the waterproof membrane, but this is not a requirement.*



Install the solar panel rail with 2 pcs construction screw (A) on each solar panel mount (B) and 1 pc construction screw (A) on each support plate (C). Protrusion of rail from first bracket is specified in the project report.



Join solar panel rails with click joint (D).
Only join uncut ends.

If necessary, cut off the last solar panel rail. Cut rail can be used when starting a new rail line.

Complete all rows as above. The length of each row rail is indicated in the project report.

Any transverse rails are advantageously mounted in conjunction with low and high brackets in the next stage, see installation instructions **M-386 South-installation** or **M-387 East-West installation**

A= Stainless steel construction screw with washer 6.3 x 19 mm, B= Solar panel mount, C= Support plate, D= Click joint

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