

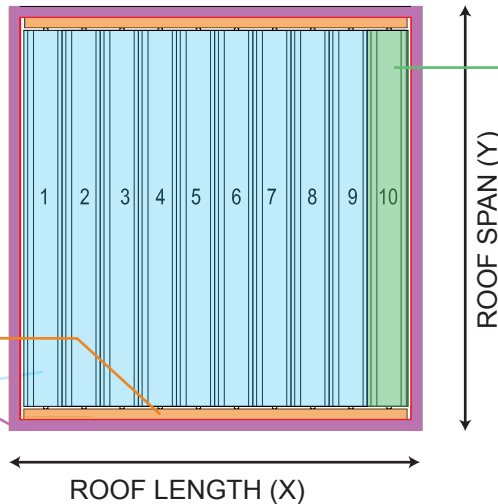
TITAN / DELTA opening roof : setting out louvre roof plans

CALCULATING ROOF WIDTH (Y)

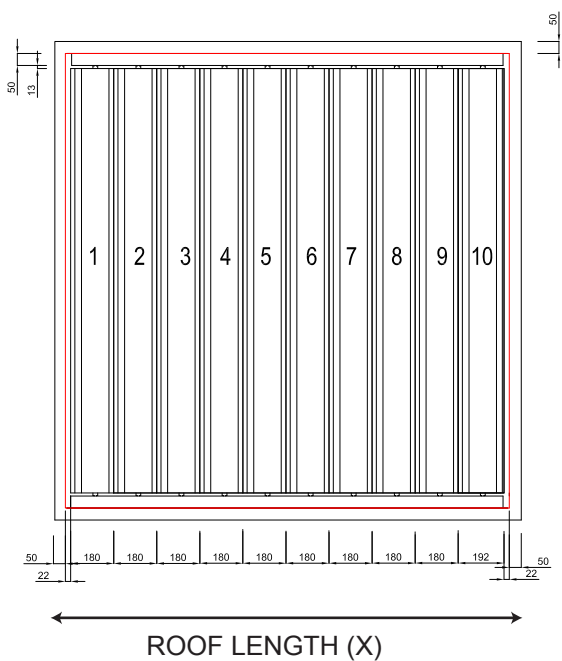
Any desired roof span is easily achieved by trimming roof louvres to suit. (provided max. span for your wind-zone isn't exceeded).

ROOF SPAN CALCULATION (Y) :

- 2 x 50mm (perimeter frame if reqd.)
 - 2 x 50mm (drive train + passive train)
 - 2 x 13mm clearance at louvre ends
 - + TITAN / DELTA roof louvre (length cut to suit)
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- ROOF SPAN (Y)**
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NOTE :
In plan all TITAN and DELTA roof louvre blades have a 180mm covering width, excluding the end louvre (shown in green) which covers a width of 192mm (as there is no following louvre concealing any of it).



CALCULATING ROOF LENGTH (X)

Using the *kudos* roof module.

In this case you base your roof width on the number of roof louvres you wish to use. In the example at left 10 TITAN roof louvres have been used. This will generate the following roof length:

ROOF LENGTH CALCULATION (X)

(using the **kudos module** means with no trimmed louvres and standard min. clearance of 22mm at end louvres - as at left).

- 2 x 50mm (perimeter frame - if reqd.)
- 2 x 22mm (minimum clearance gaps between end louvres and perimeter frame)
- 9 x 180mm TITAN louvres (1st nine in plan)
- + 1 x 192mm TITAN louvre (last louvre always measured at 192mm)

ROOF LENGTH (X) = 1956mm

SETTING OUT A NON - MODULAR ROOF

Setting out a roof plan to an **exact** pre-determined roof length (in this case 1950mm).

At left 10 DELTA roof louvres have been used, but the desired roof length of 1950mm is slightly less than the normal roof module calculation for 10 roof louvres; 1956mm (as above for roof length X).

In this case a trimmed louvre will be used to create an exact roof length as specified of 1950mm.

The 22mm clearance gaps can also be increased if a roof length slightly longer than a normal module calculation is required.

