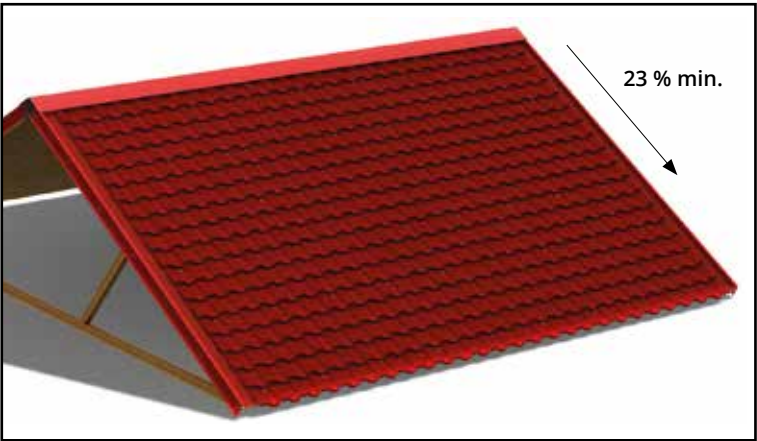
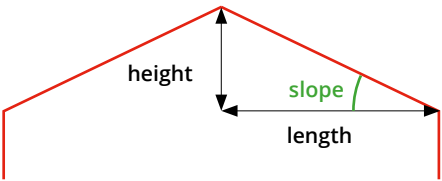


ROOF SLOPE



Calculate the slope easily



$$\text{Slope (\%)} = \frac{\text{height}}{\text{length}} \times 100$$

CONVERSION TABLE - SLOPE																
Degrees	13°	14°	15°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°
Percent	23%	25%	28%	29%	32%	36%	40%	44%	49%	53%	58%	62%	67%	73%	78%	84%

AREA OF USE

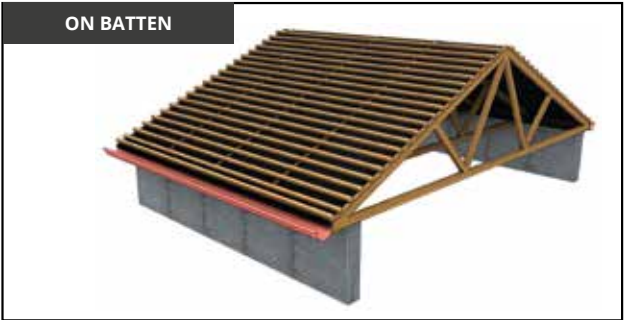
Tuile R PRO® is the ideal product for your roof. It is suitable for both new build and renovation projects.

NEW BUILD

DECKING



ON BATTEN



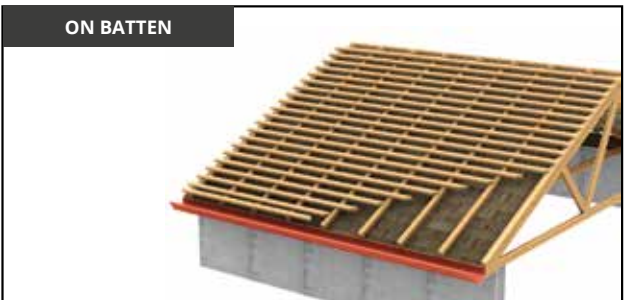
RENOVATION

ON ASPHALT SHINGLE OR ON CORRUGATED ROOF PROFILE

DECKING



ON BATTEN

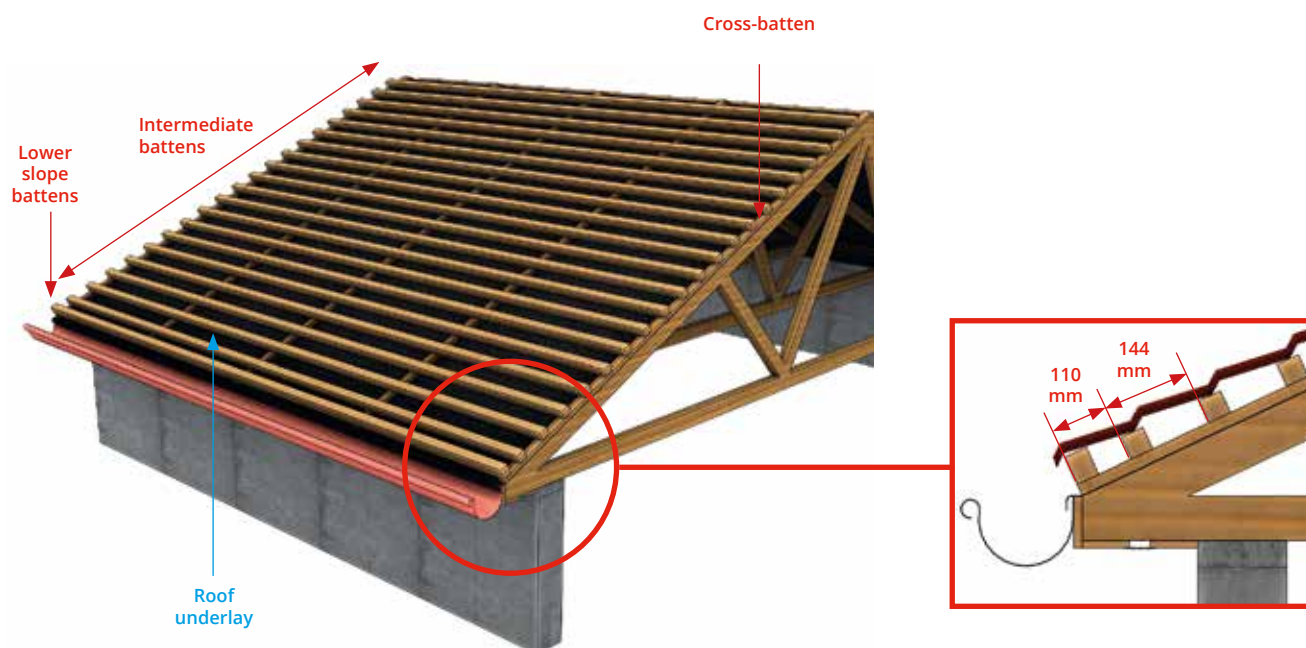


Prior to renovation, it is important to make sure that the framework and its bearing structure are in good condition.

If the roof is watertight, the Tuile R PRO® can be laid directly onto it. Otherwise, a rain screen will need to be installed (refer to the technical notice for the rain screen used).

INSTALLING ON BATTENS

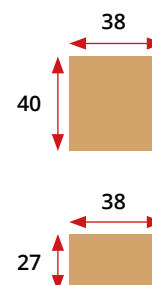
For installation on battens, 1 batten must be provided at each gauge.



RENOVATION

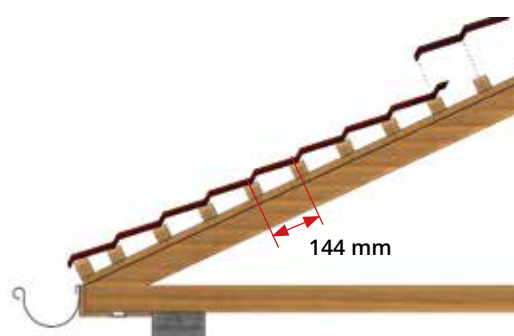


Dimensions(*) of sub-frame.

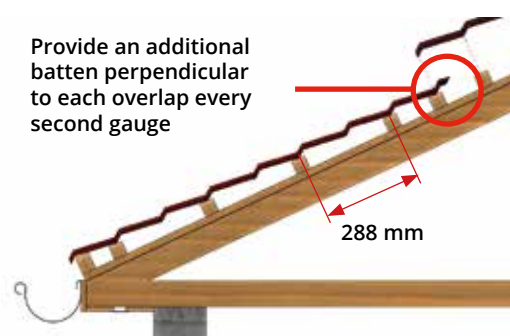


(*) Standard dimensions currently sold.

POSSIBLE VARIANTS



one batten every gauge



one batten every second gauge

INSTALLING ON DECKING



Creating decking compliant with DTU 40.41

Depending on the type of substrate, an underlay may be required.

RENOVATION

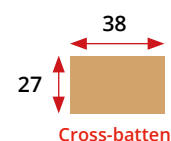
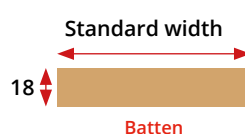


Creating the substrate with sub-frame* composed of cross-battens and battens.

The sub-frame is installed in exactly the same way for a new build as for a renovation project - on battens.

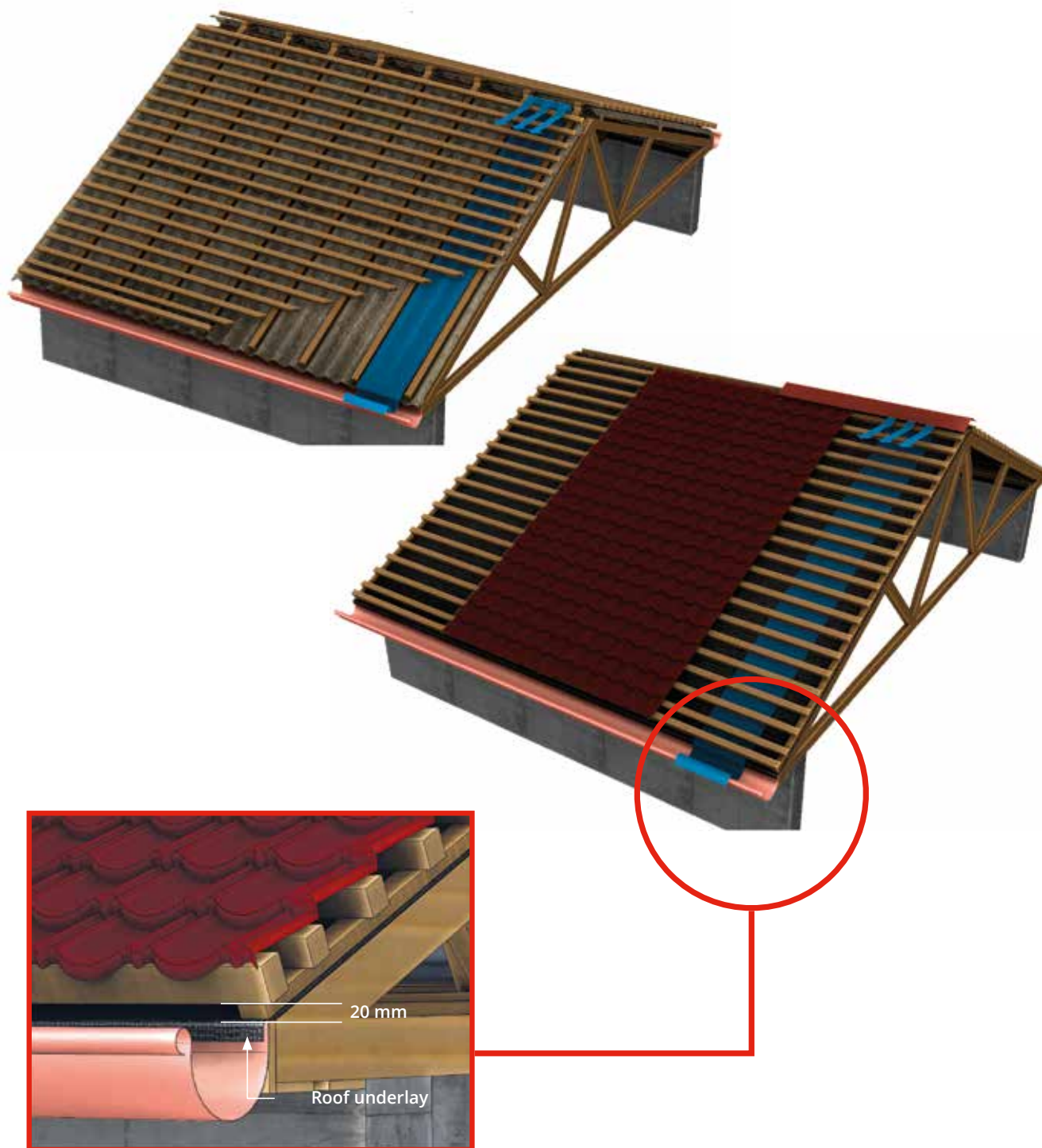
If the existing roof has sealing defects, an underlay will need to be installed.

*Dimensions of sub-frame.



VENTILATION

For a new build or renovation project, an air space of at least 20 mm should be created to ensure your roof is well ventilated.

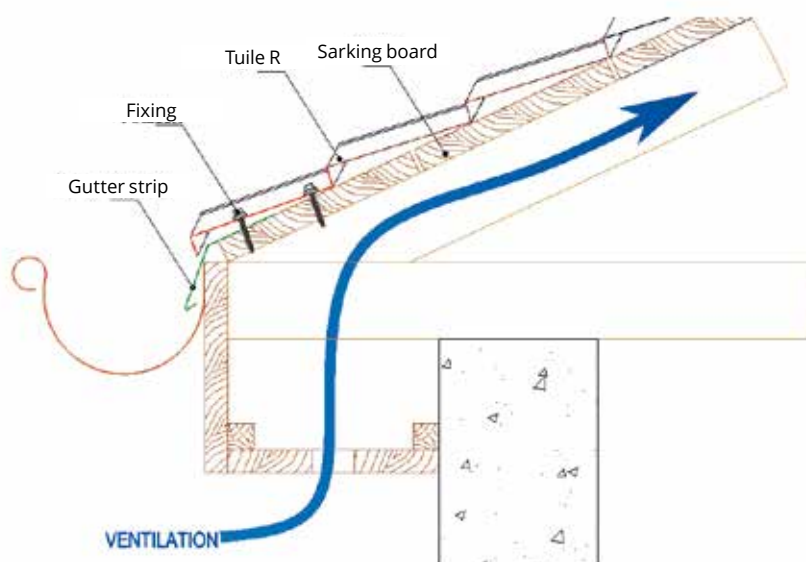


FITTING THE GUTTER

STAGE 1

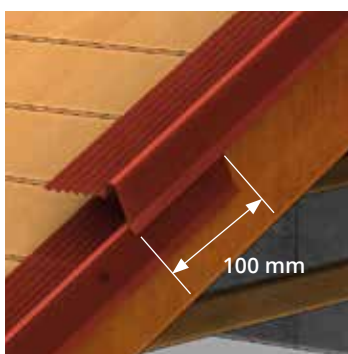
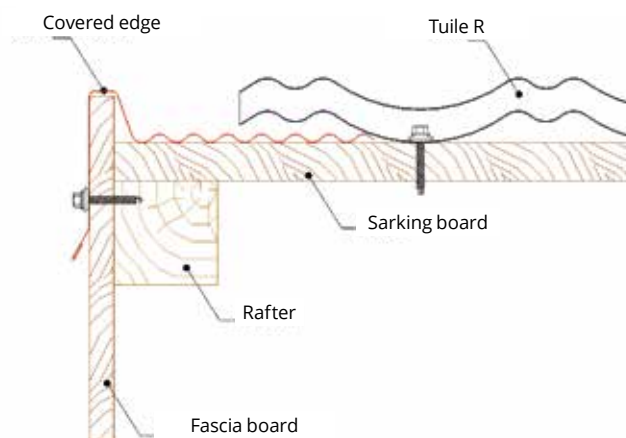


The gutter strip is positioned at the bottom of the slope
To temporarily hold it in place, we recommend using two nails at the ends.

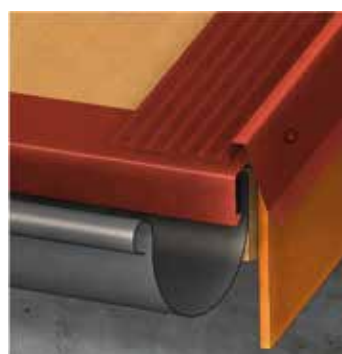


INSTALLING EDGES

STAGE 2



Interlocking edge without cutting



3 fixings per linear metre



Fixing screw
Ø4.9x35

RIDGE FLASHING



There are other roof edge solutions - see page 238.

LAYING TUILES R PRO

STAGE 3

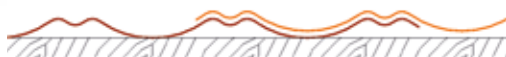
USEFUL INFORMATION

Tuile R PRO® have the unique feature of being interlocking, both widthways and lengthways.
No need to cut

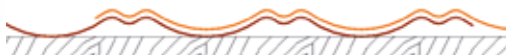
SIDE LAP



Minimum overlap

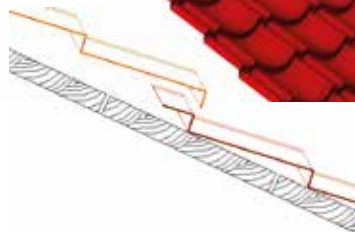
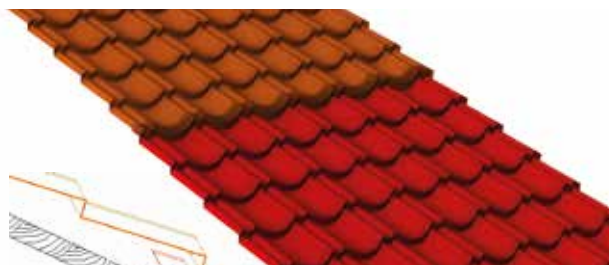


Overlap on 1 tile

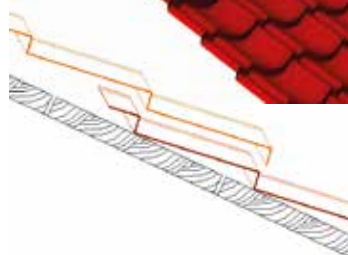
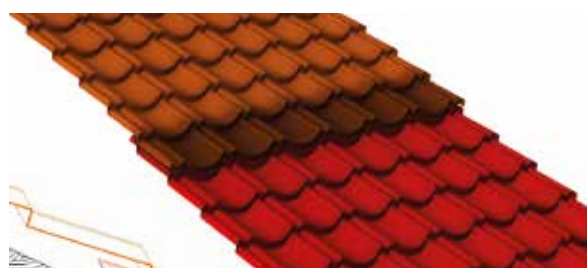


Overlap on 2 tiles and above

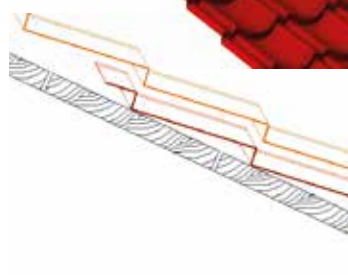
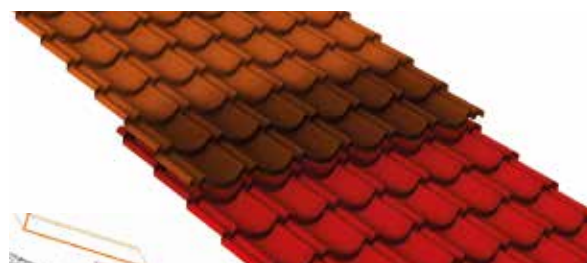
END LAP



Minimum
overlap



Overlap
on 1 tile



Overlap on 2
tiles and above

INSTALLING TUILES R PRO

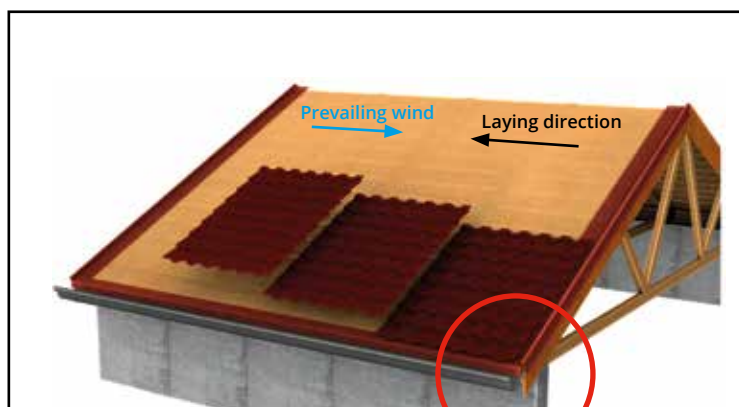
FIRST RUN OF TUILE R PRO

Tuile R PRO® sheets are always laid starting at the eaves.

Fasten using 6 screws per sheet. The tiles are always fixed in the corrugation trough.

Lay the next sheets by overlapping them with one another.

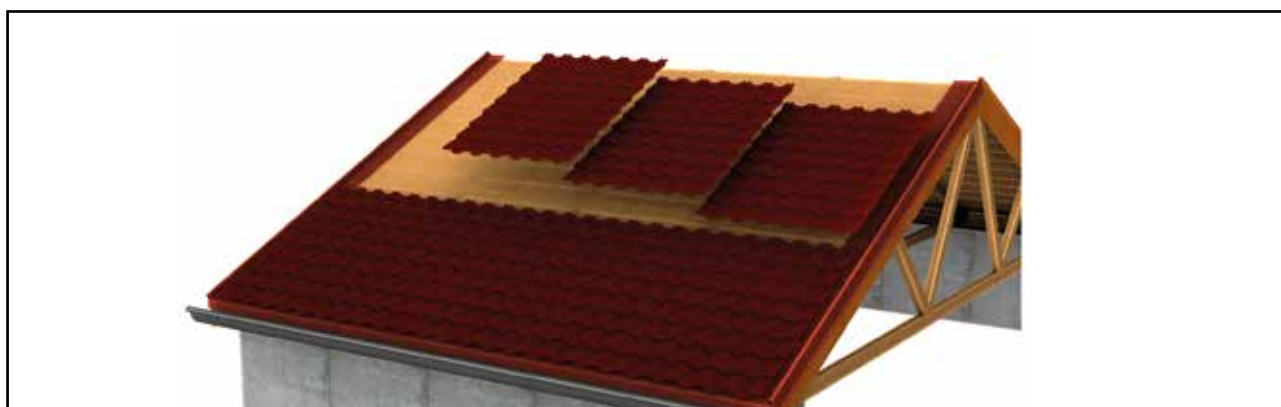
For the last sheet, adjust the end lap for a perfect finish and without the need for cutting.



Fixing screw
Ø4.9x35

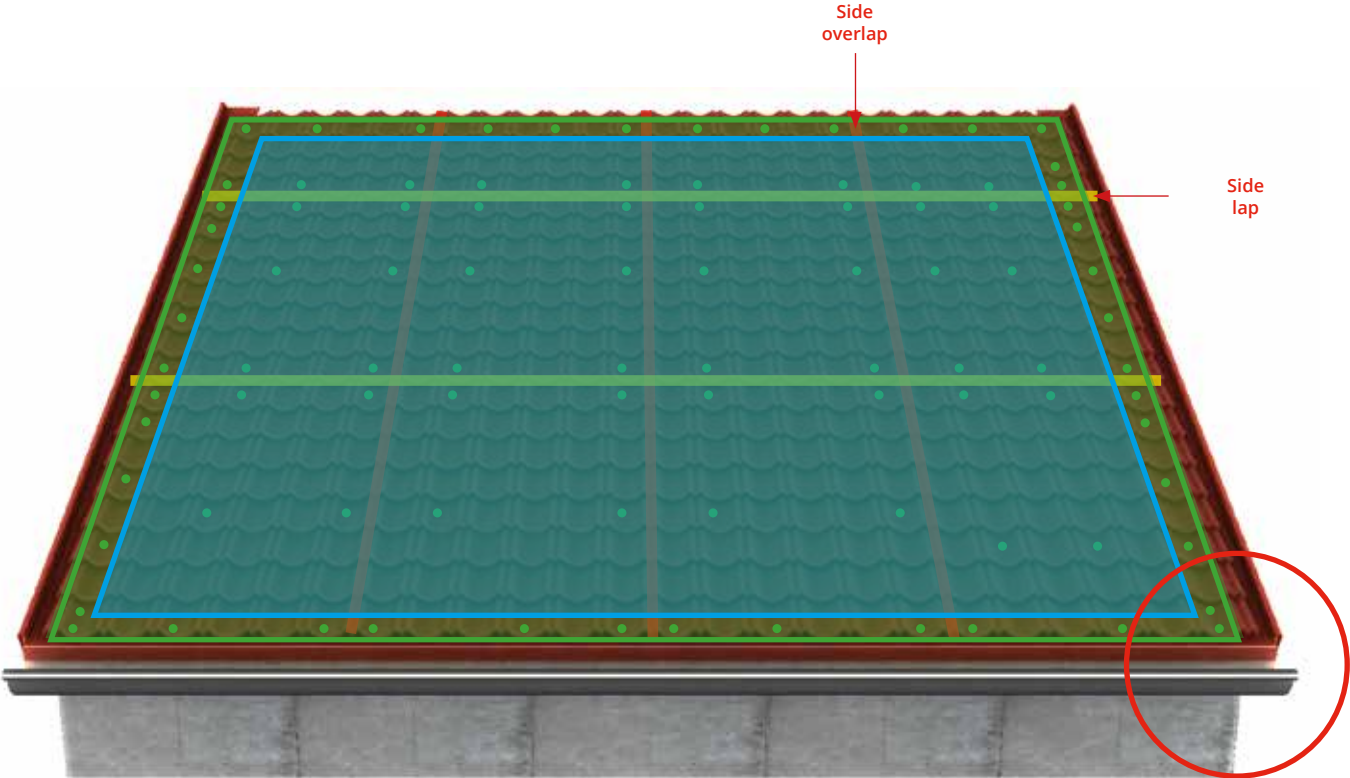


NEXT RUN OF TUILE R PRO® SHEETS

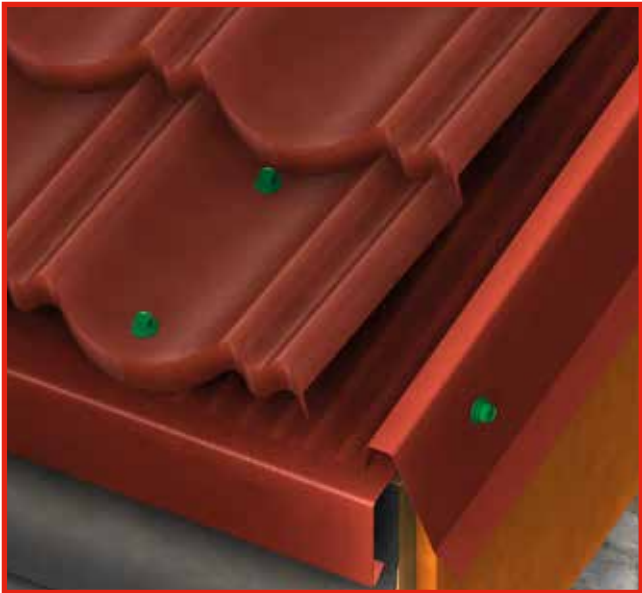


TUILE R PRO FIXINGS

STAGE 4



Fixing screw
Ø4.9x35



On edges: Fixing every second batten
To ridge and gutter: Fixing every second corrugation

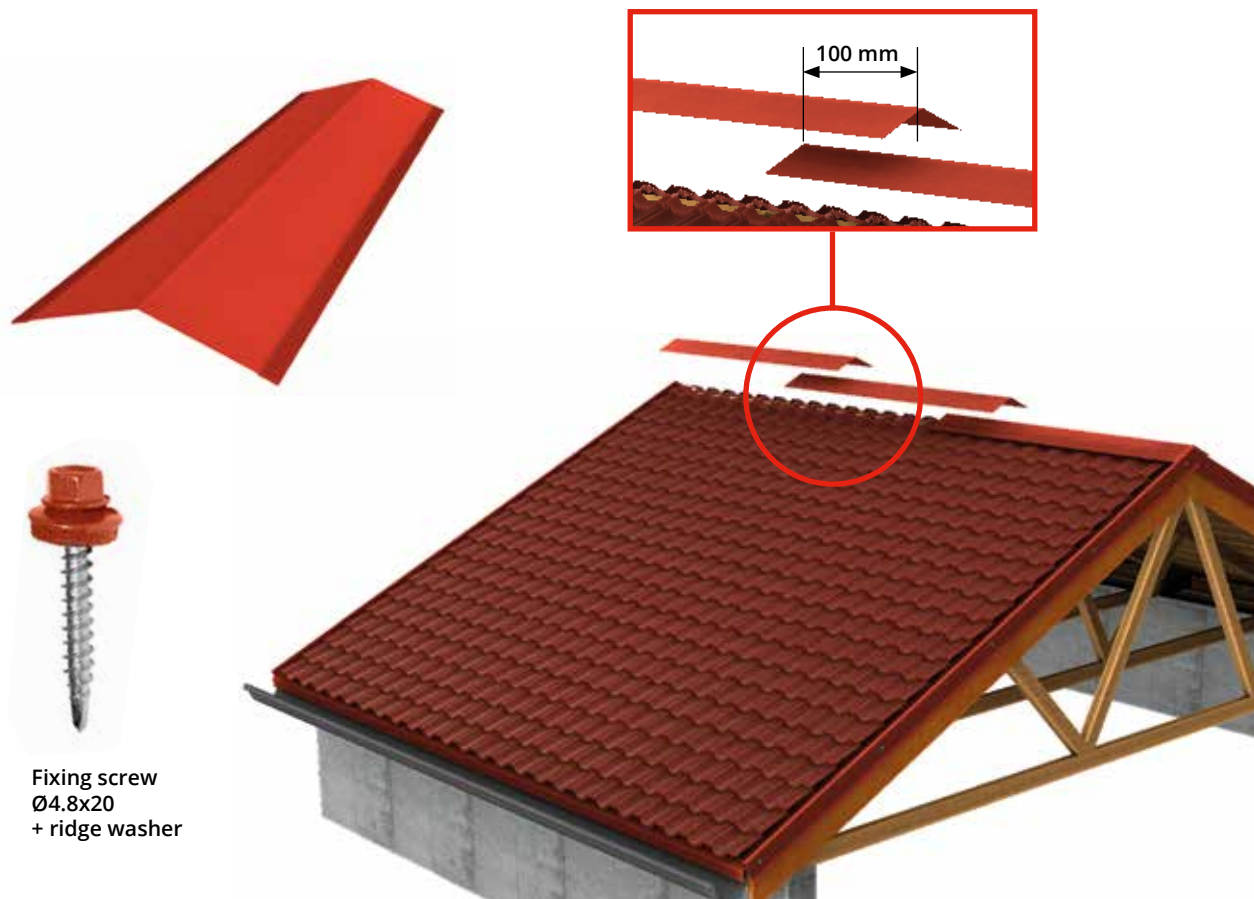


On intermediate section:
1 Fixing every fourth gauge maximum
1 Fixing every fourth corrugation
6 fixings/sheet

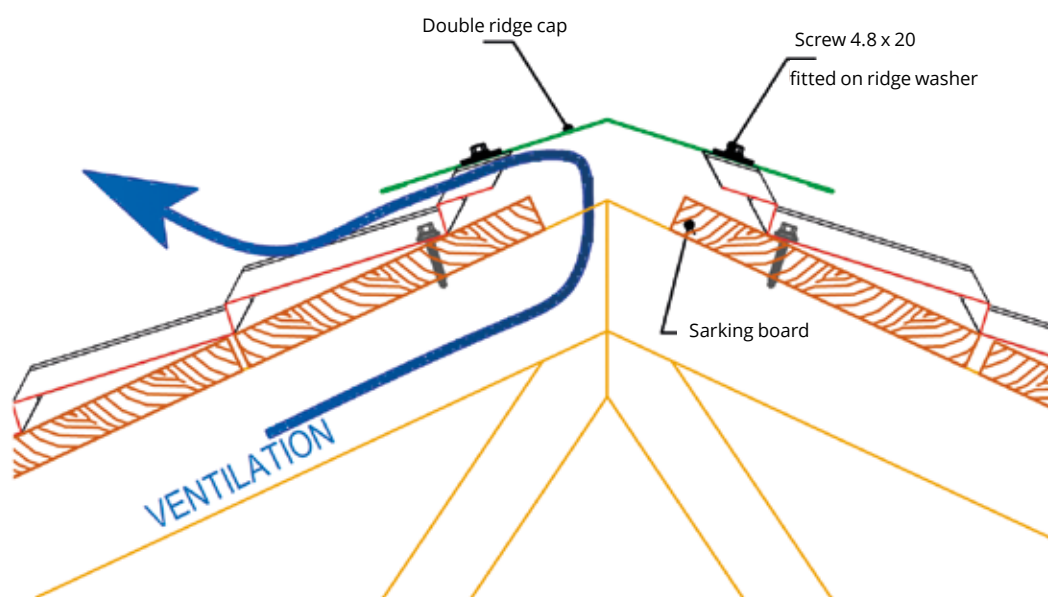
INSTALLING RIDGE CAPS

STAGE 5

Distribute the ridge caps along the entire length of your roof

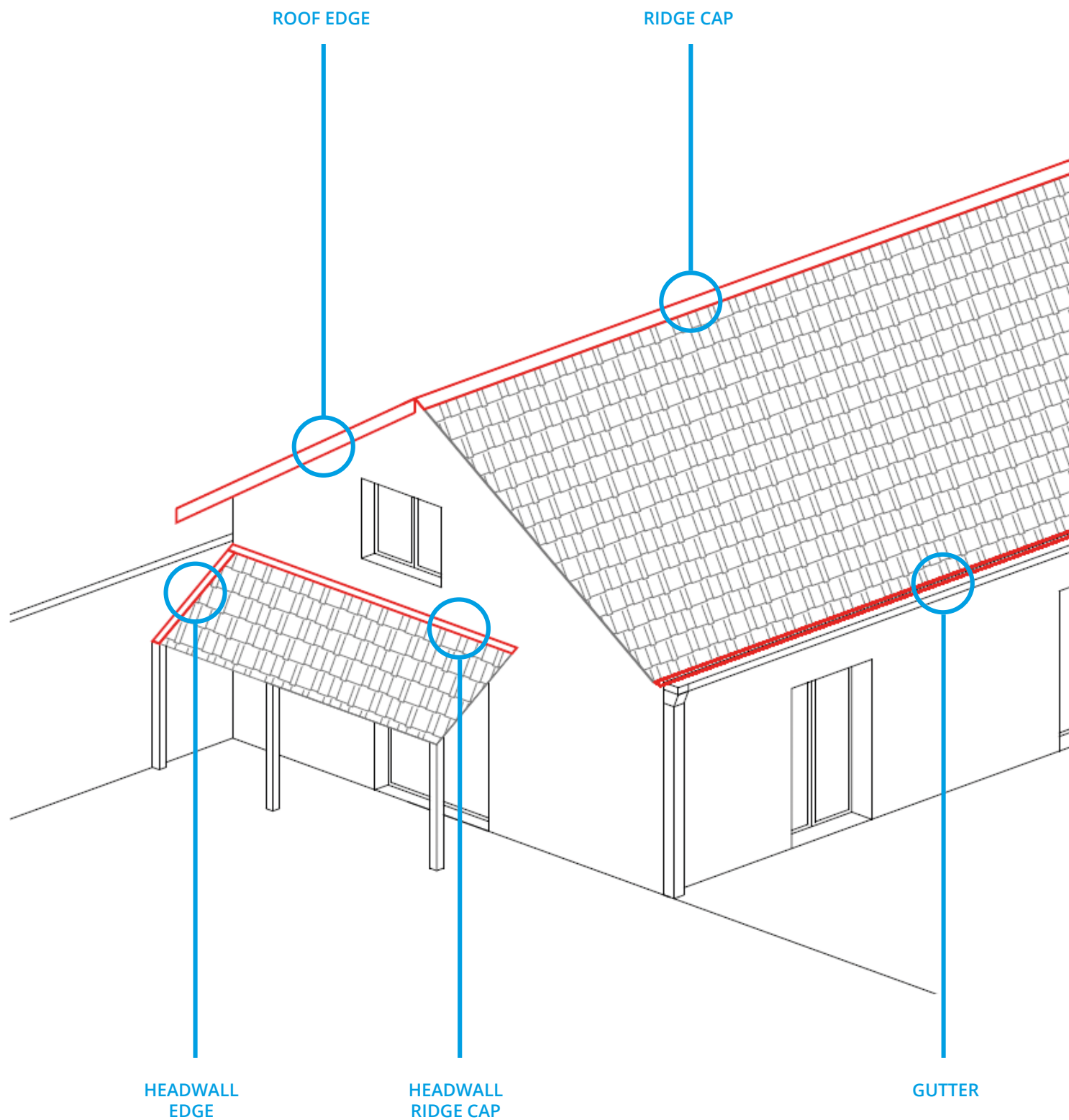


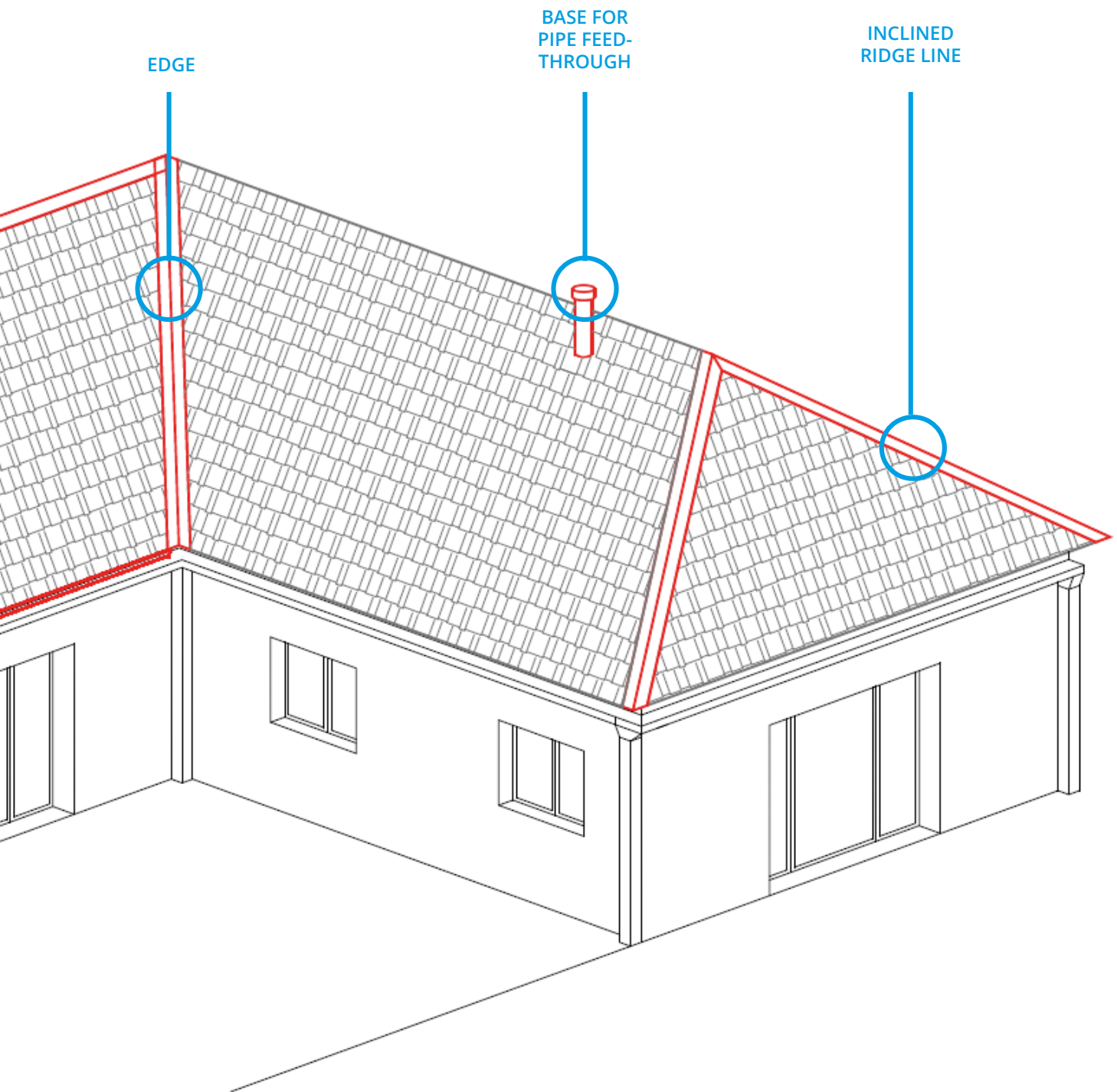
3 fastenings per linear metre
They overlap with each other and do not need to be cut.



DEALING WITH IRREGULAR POINTS

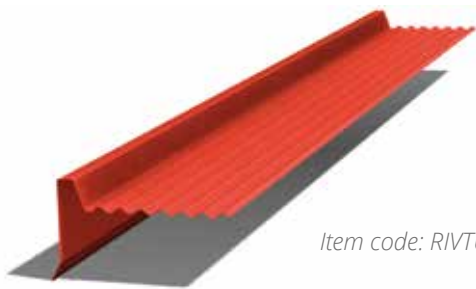
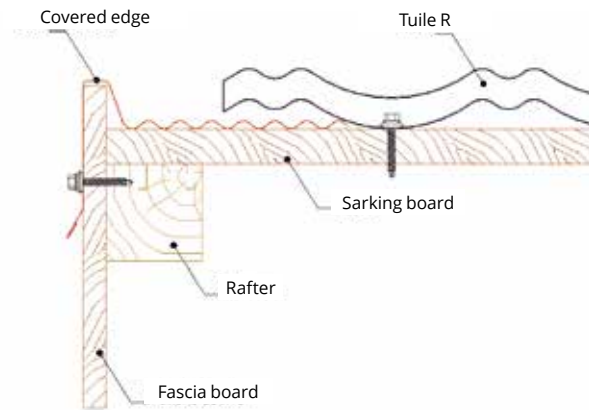
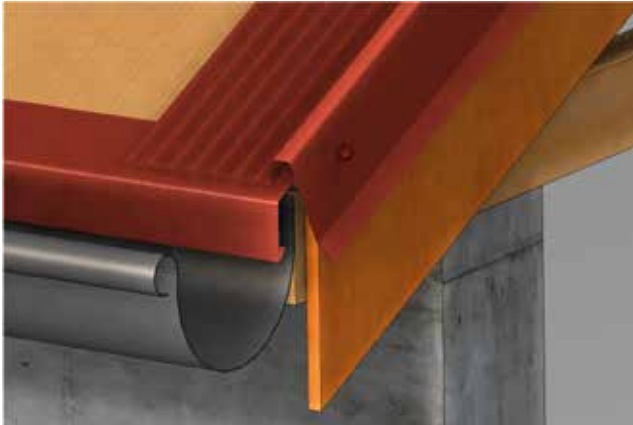
STAGE 6



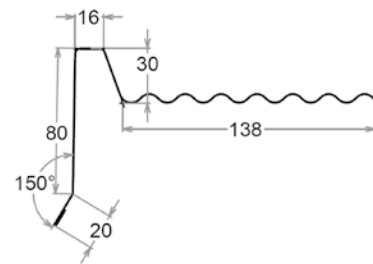


EDGES

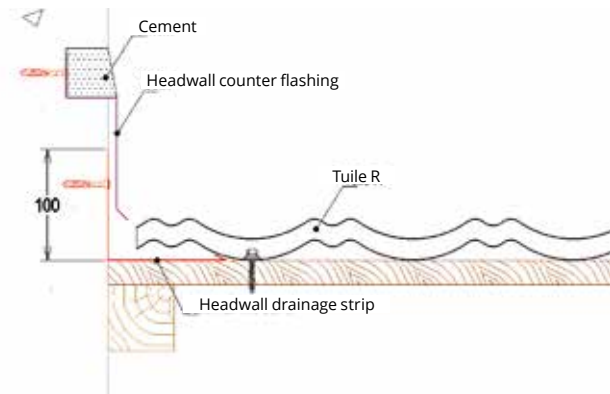
CORRUGATED SINGLE EDGE



Item code: RIVTUIRL50

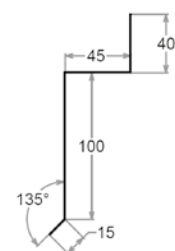
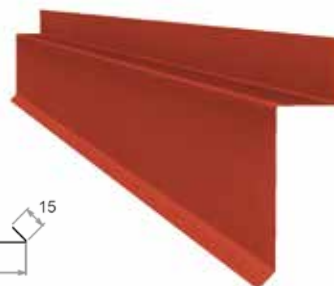


HEADWALL EDGE



HEADWALL DRAINAGE STRIP

Item code: PLIRCMCTR

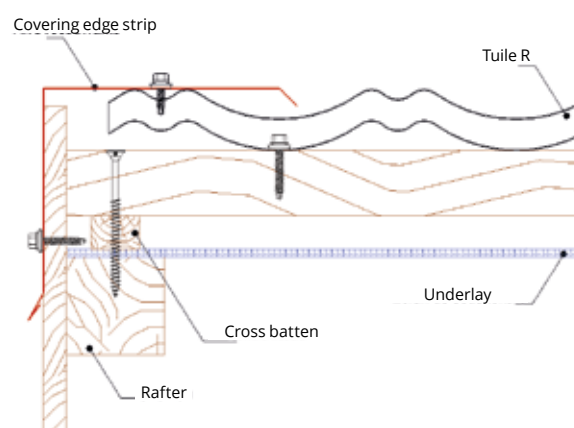


HEADWALL COUNTER FLASHING

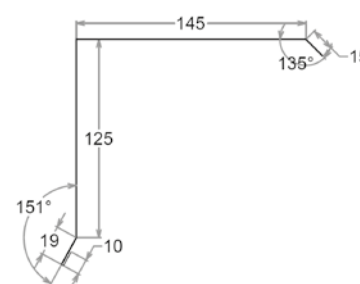
Item code: PLISOLINTR

EDGES

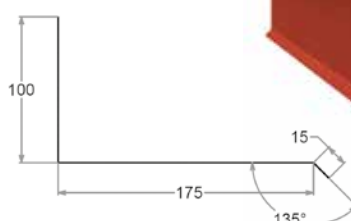
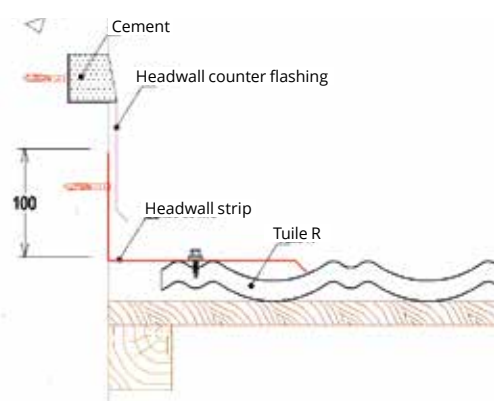
COVERED SINGLE EDGE



Item code: PLIRSRT

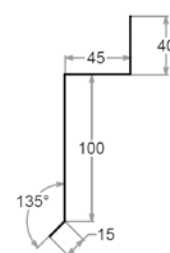
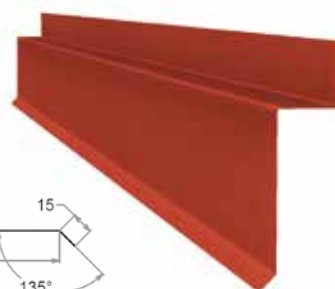


WALL-ABUTTING EDGE



HEADWALL STRIP

Item code: PLIRCMTR

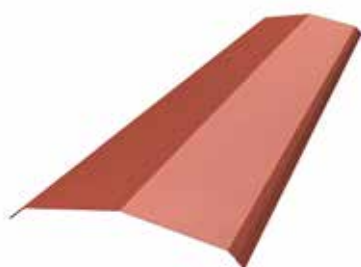
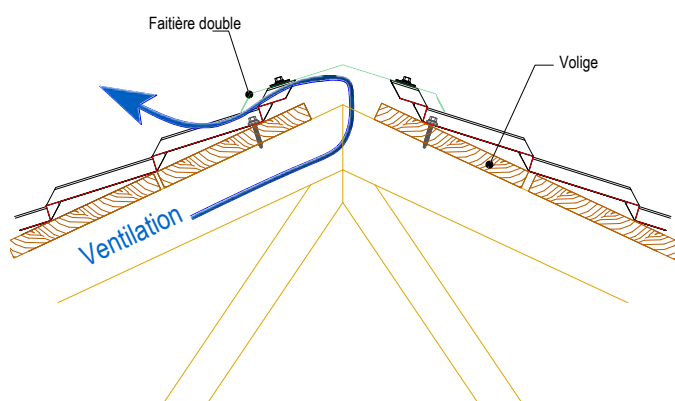


HEADWALL COUNTER FLASHING

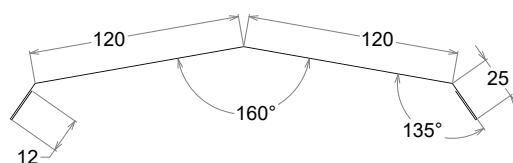
Item code: PLISOLINTR

RIDGE CAPS

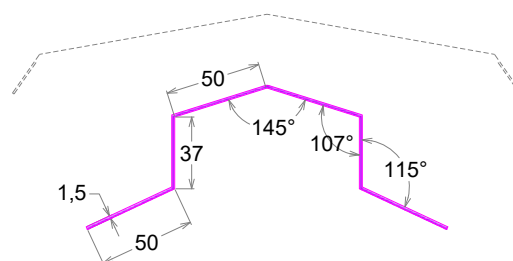
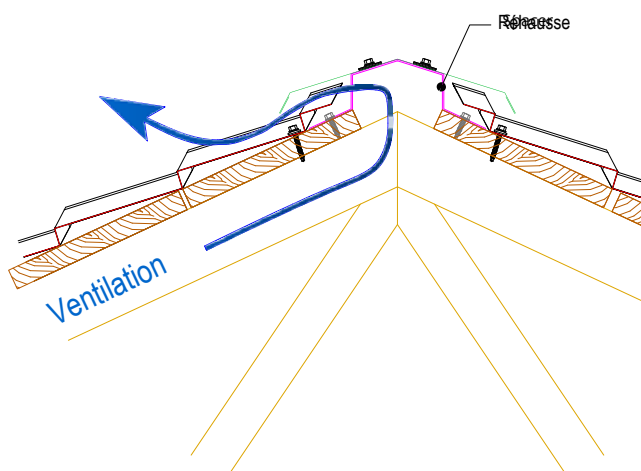
DOUBLE RIDGE CAP



Item code: FAITUIRL50



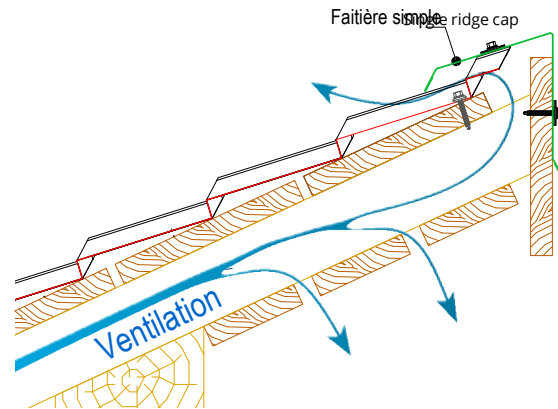
DOUBLE RIDGE CAP WITH SPACER



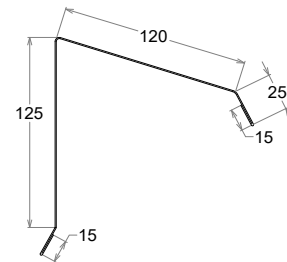
Item code: PLIREHAUSSEURTR

RIDGE CAPS

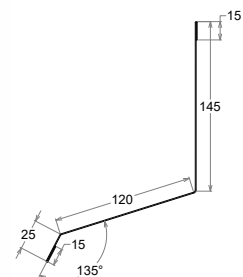
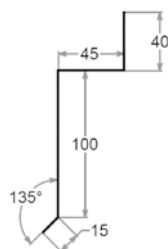
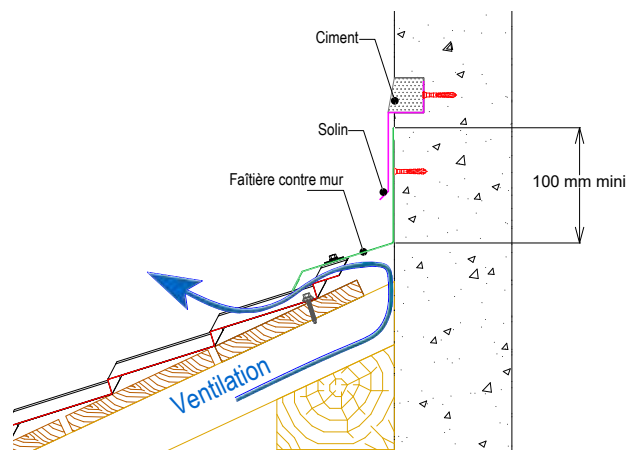
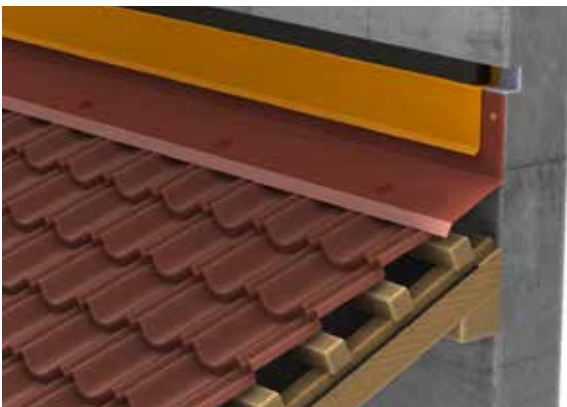
SINGLE SLOPE RIDGE CAP



Item code: PLIFSTR



HEADWALL RIDGE FLASHING



HEADWALL COUNTER FLASHING

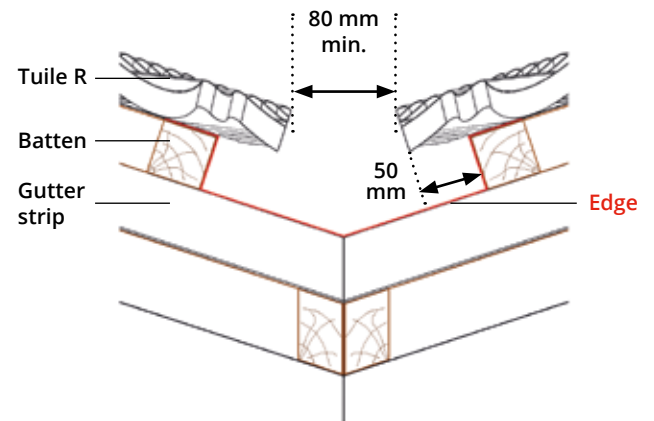
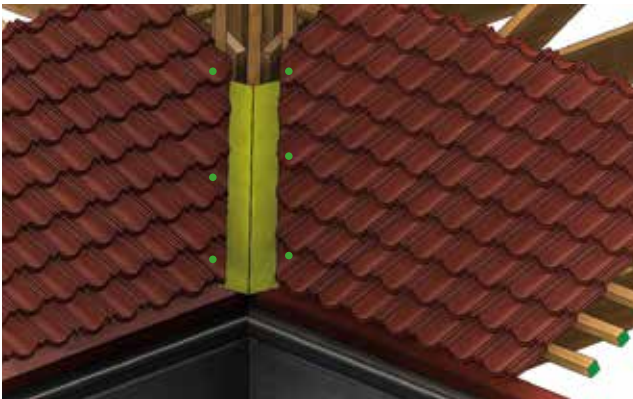
Item code: PLISOLINTR

RIDGE STRIP

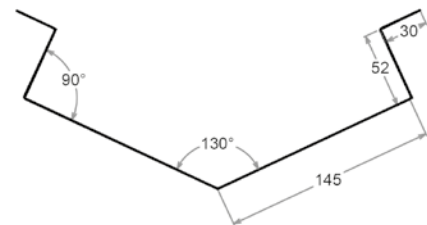
Item code: PLIFCMTR

VALLEY GUTTER

- Fixings

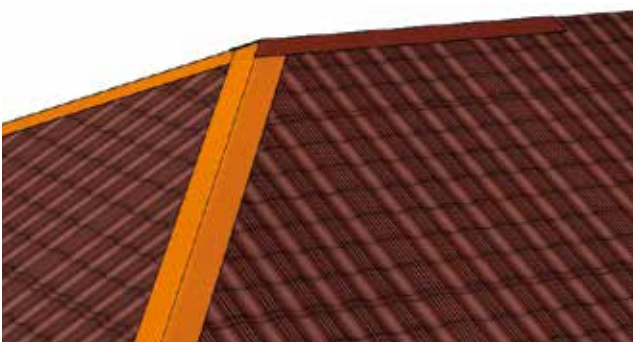
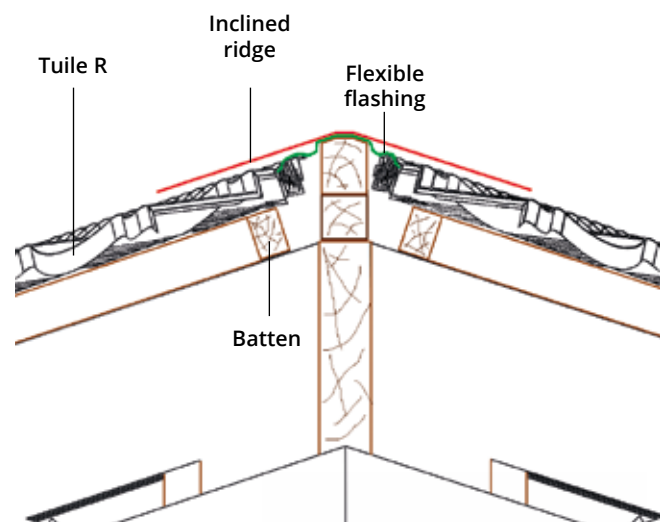
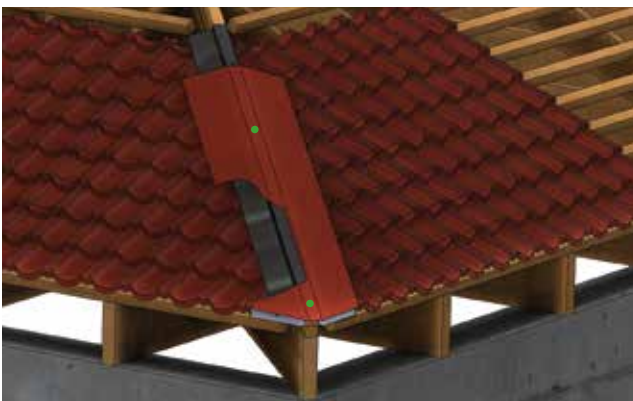


Item code: PLINOUETR



INCLINED RIDGE

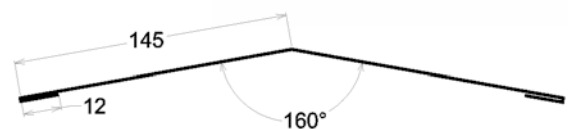
- Fixings



Making the ridge connection

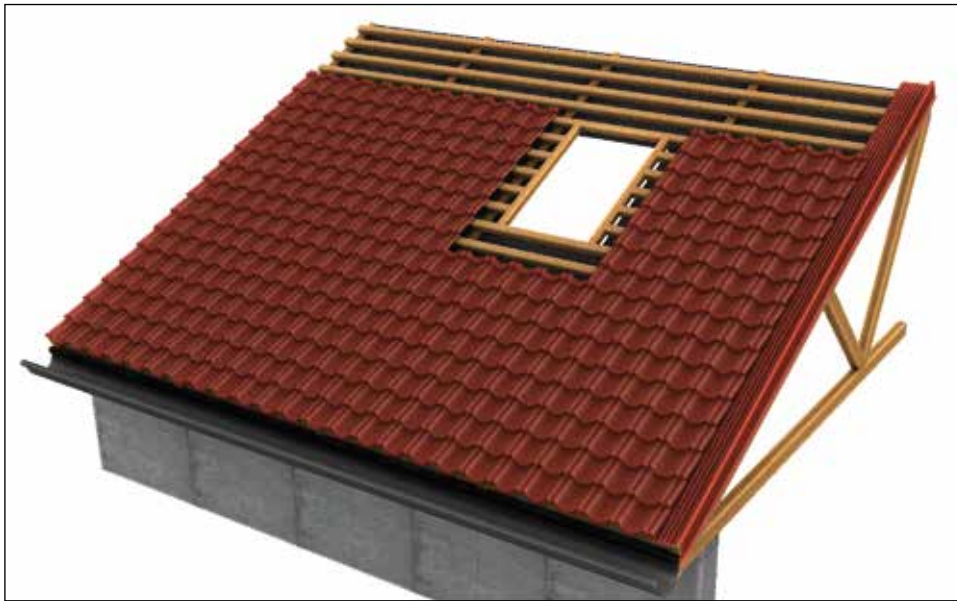


Flexible flashing



Item code: PLIARETIERTR

ROOF OUTLETS



It is compulsory to install a trimmer when fitting roof outlets.

The adapter plates are installed at the same time as the roof sheets.

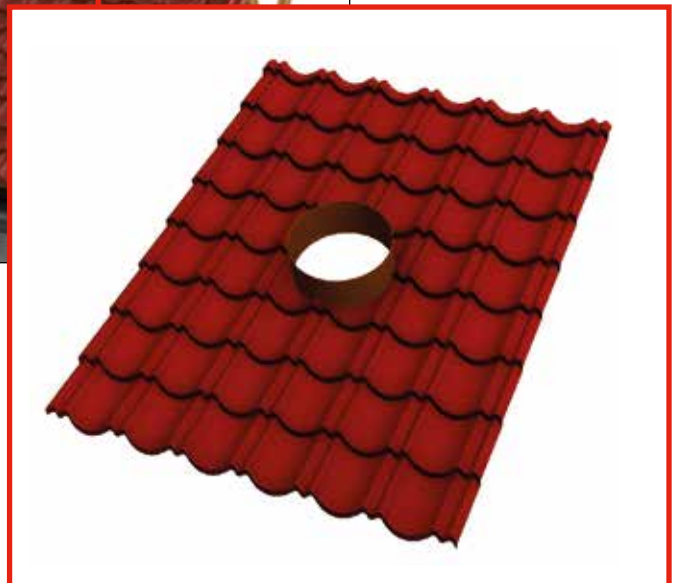
i They are available in standard polyester colours.

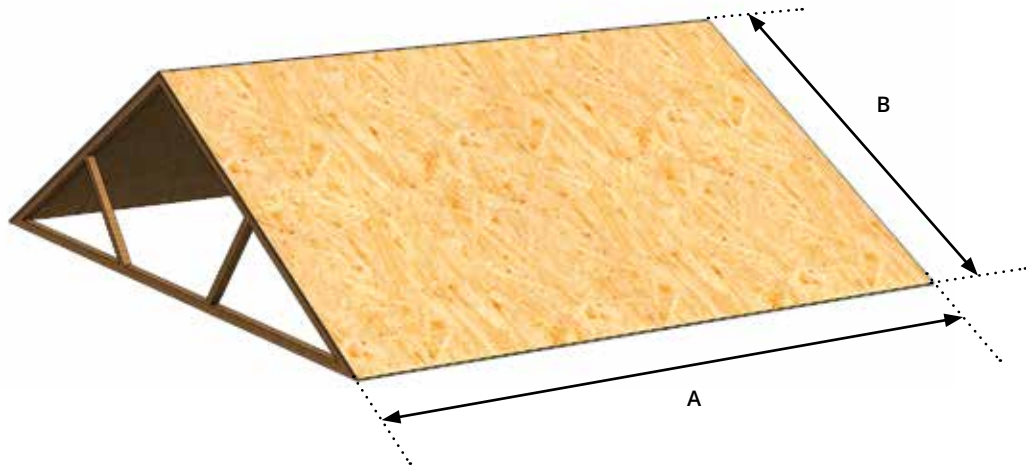
Highly adjustable,
made to measure

PLATE FOR PIPE FEEDTHROUGH



i They are available in standard polyester colours.





NUMBER OF TILES

IN WIDTH:

$$T_{\text{width}} = \frac{A}{0.87}$$

Round up to the next whole number

LENGTH:

$$T_{\text{length}} = \frac{B}{1.1}$$

Round up to the next whole number

$$\text{TOTAL TILES} = T_{\text{LENGTH}} \times T_{\text{WIDTH}}$$

NUMBER OF EDGES

$$N_{\text{edges}} = \frac{B}{1.1}$$

Round up to the next whole number

$$\text{TOTAL EDGES} = N_{\text{edges}} \times 2$$

NUMBER OF RIDGES

$$N_{\text{ridge}} = \frac{A}{0.9}$$

Round up to the next whole number

$$\text{TOTAL RIDGES} = N_{\text{ridge}}$$

NUMBER OF FIXINGS

6 FIXINGS PER TILE

3 FIXINGS PER EDGE

3 FIXINGS PER RIDGE

$$\begin{aligned} & \text{TOTAL TILES} \quad \times 6 \\ + & \\ & \text{TOTAL EDGES} \quad \times 3 \\ + & \\ & \text{TOTAL RIDGES} \quad \times 3 \end{aligned}$$

TOTAL FIXINGS



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