

GENERAL POINTS

ROOF SLOPE

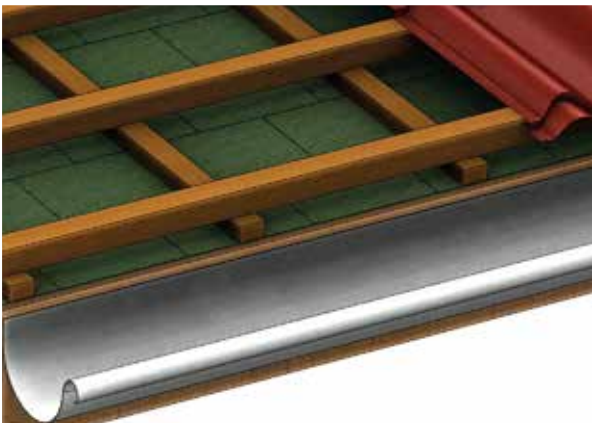


CONVERSION TABLE: SLOPE IN DEGREES AND %

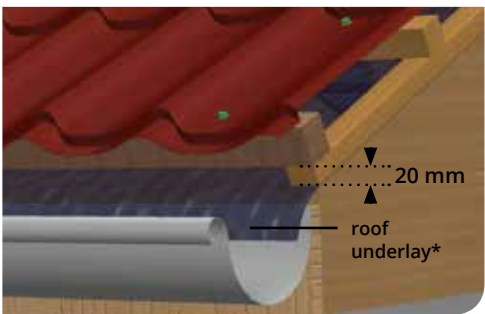
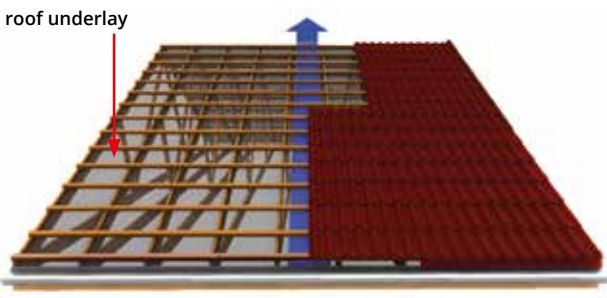
Degrees	%	Degrees	%
16°	29%	28°	53%
18°	32%	30°	58%
20°	36%	32°	62%
22°	40%	34°	67%
24°	44%	36°	73%
26°	49%	38°	78%

RENOVATION

In the case of a roof renovation, it is important to make sure that the framework and its bearing structure are in good condition. If the roof is watertight, TUYLEO® can be laid directly onto it. Otherwise, a rain screen will need to be fitted (refer to the technical notice for the product used).



VENTILATION



To ensure your roof is well ventilated, an air space of at least 20 mm should be created.

*When installing the roof underlay, make sure it extends over the gutter.

CALCULATION OF LENGTHS



To ensure a good overlap, please refer to the table below to choose your lengths.

standard lengths in mm	2300	3000	3700	4400	5100	5800	6500	7200	7900
2300	4400	5100	5800	6500	7200	7900	8600	9300	10000
3000		5800	6500	7200	7900	8600	9300	10000	10700
3700			7200	7900	8600	9300	10000	10700	11400
4400				8600	9300	10000	10700	11400	12100
5100					10000	10700	11400	12100	12800
5800						11400	12100	12800	13500
6500							12800	13500	14200
7200								14200	14900
7900									15600

Example: For a roof section that is 9200mm long, use a 5100mm sheet and a 4400mm sheet

INSTALLATION

Installation is carried out from right to left, starting from the eave of the slope.
Tile panels are laid directly onto the battens.

Dimensions of sub-frame:

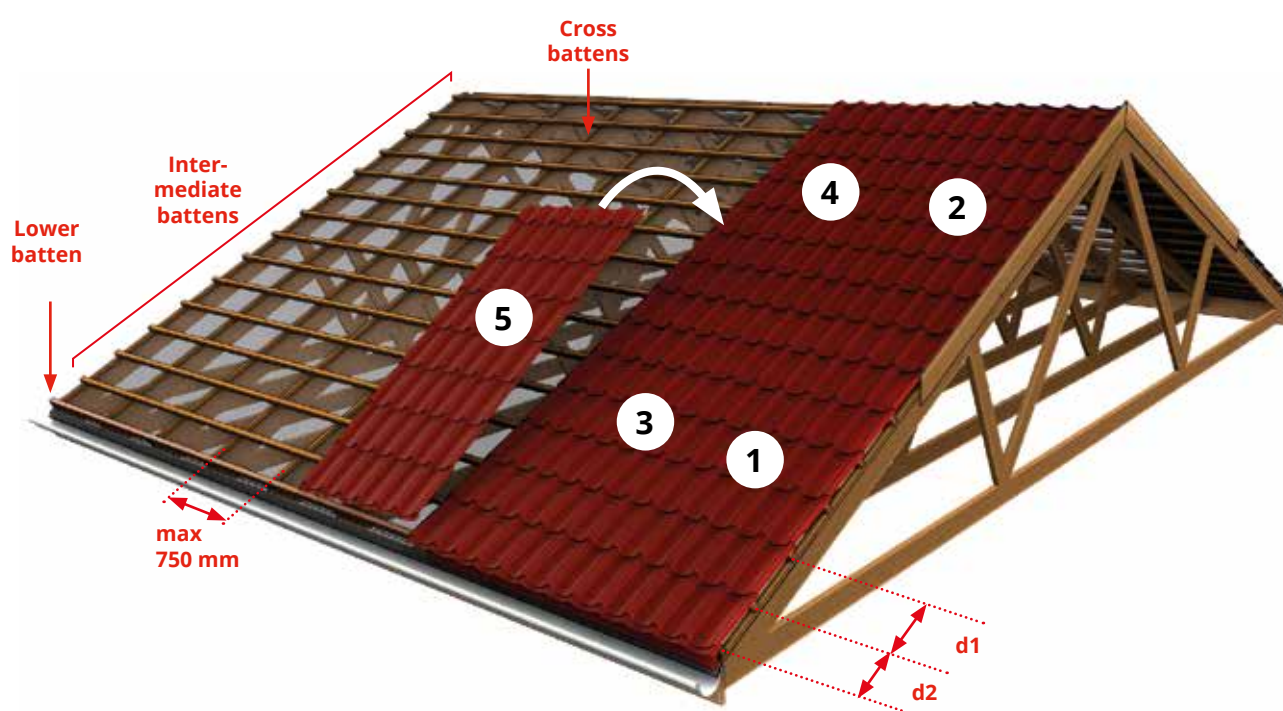
Cross
batten
20x40 mm



Intermediate
batten
40x40mm



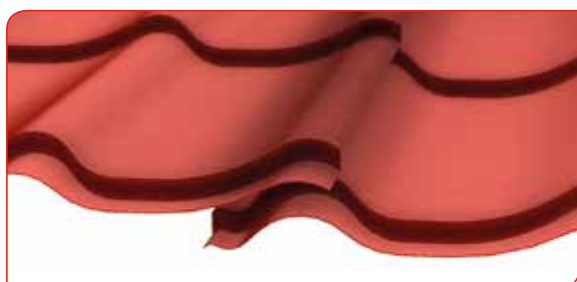
Lower
batten
50x40mm



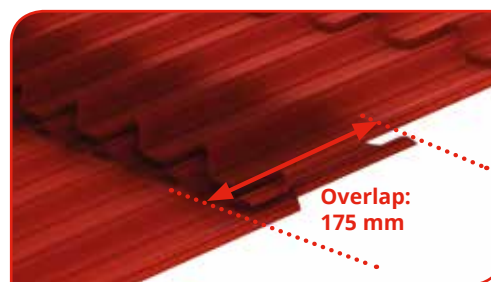
The distance (d1) between the battens in the intermediate zone is 350 mm.

The distance (d2) between the lower batten and the first intermediate batten is 290 mm.

Side lap



End lap

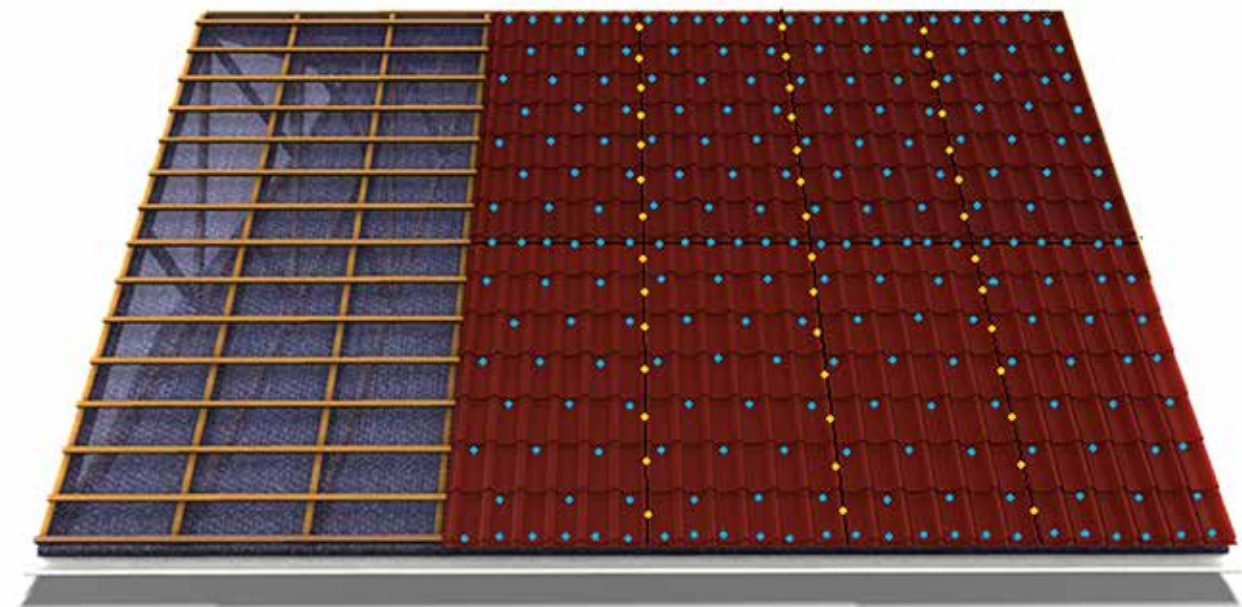


FIXINGS

- **Fixing screw in corrugation troughs**
4.9 x 35 for wood support
5.5 x 25 for steel support



- **Stitching screw 4.8 x 20 in corrugation peaks**



Fixing in corrugation troughs on all battens:

- > on edge corrugations
- > on lower batten
- > on ridge batten
- > on each end lap

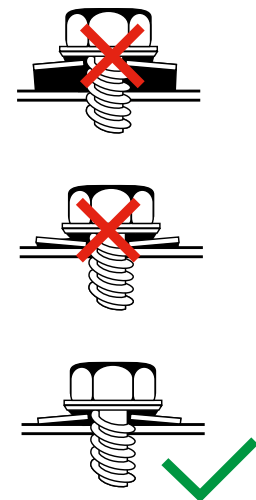
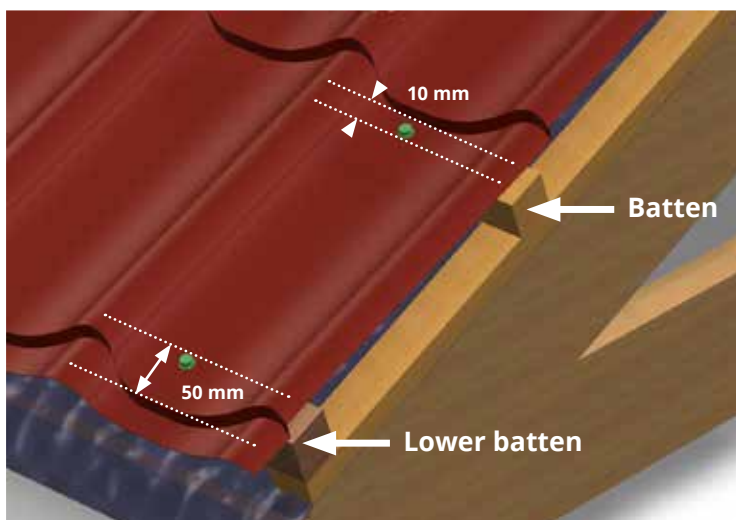
Joining seams of sheets in corrugation peak

- > on each side lap

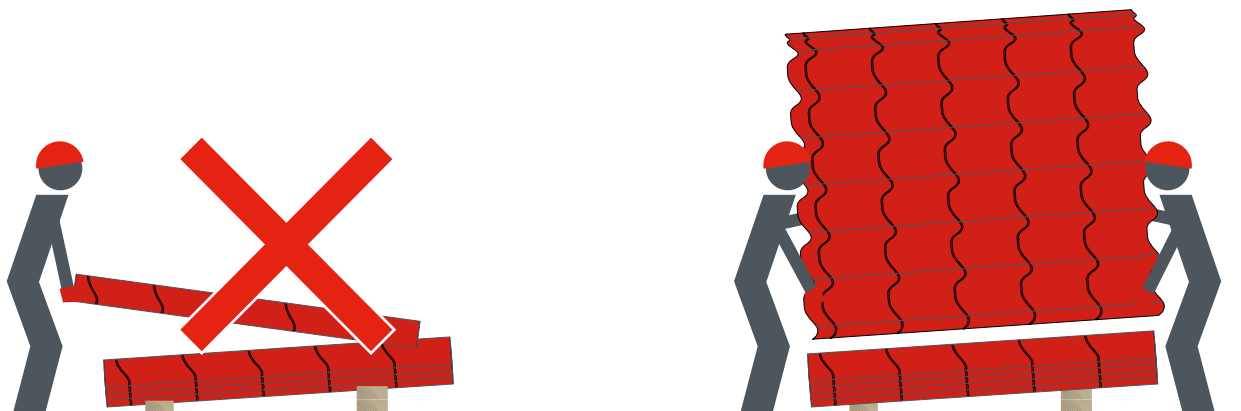
Fixing in corrugation troughs on the intermediate section

- > every other batten and every other trough in staggered rows

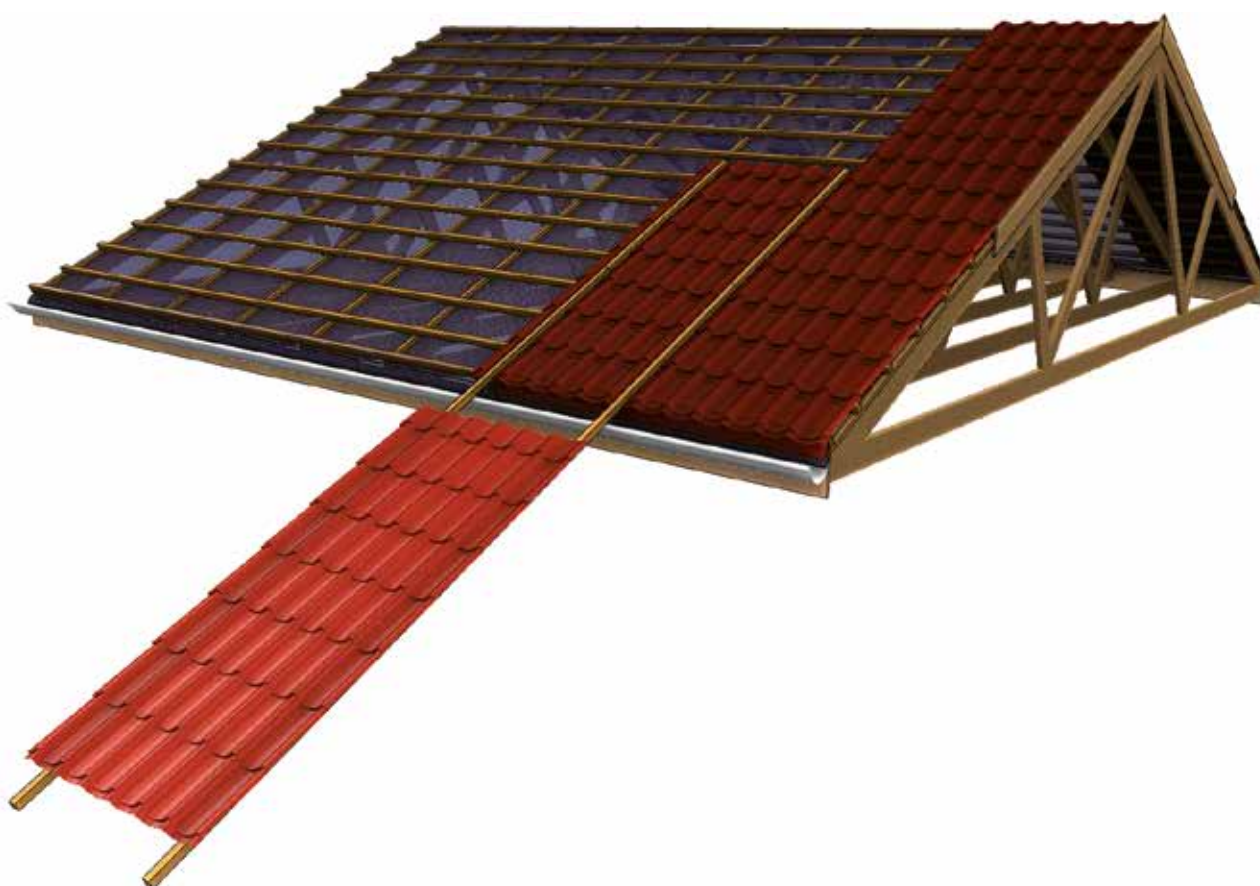
EAVE FIXING DETAILS



HANDLING



It is recommended that 2 people handle the panels. The panel should be carried vertically so it does not bend. You can place 2 beams from ground level up to roof panel to support the panels when they are hoisted onto the roof. Always work in the corrugation trough.



ACCESSORIES

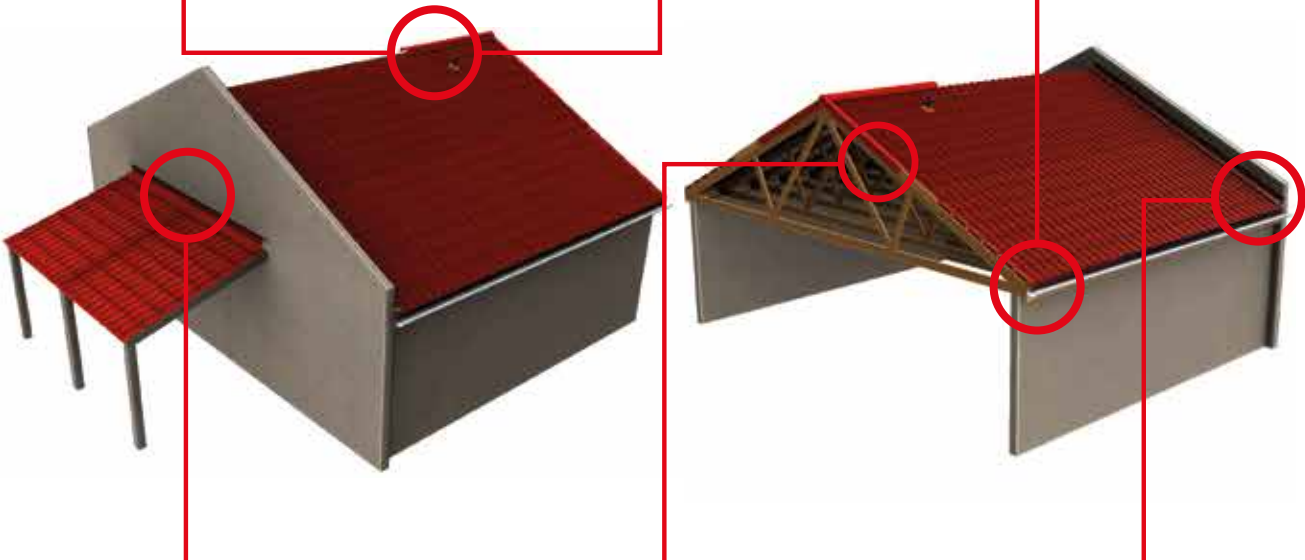
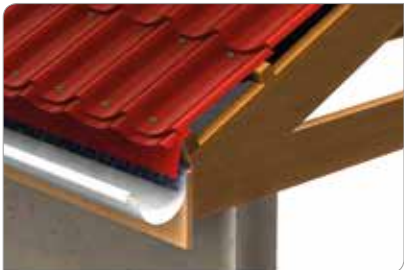
FLAT RIDGE PIECE



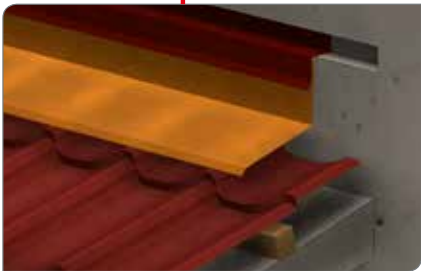
HALF-ROUND RIDGE PIECE & ROOF OUTLET SLEEVE



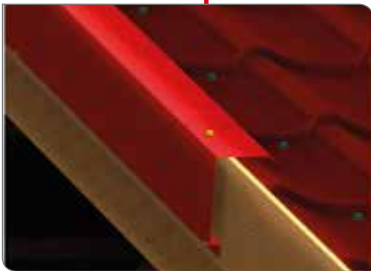
GUTTER FLASHINGS



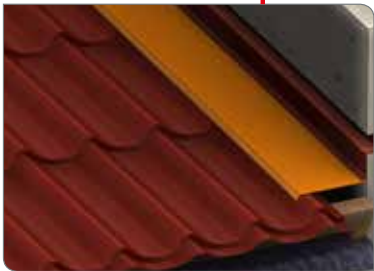
FLASHING RIDGE PIECE



BARGEBOARD



FLASHING EDGE



OTHER FITTINGS



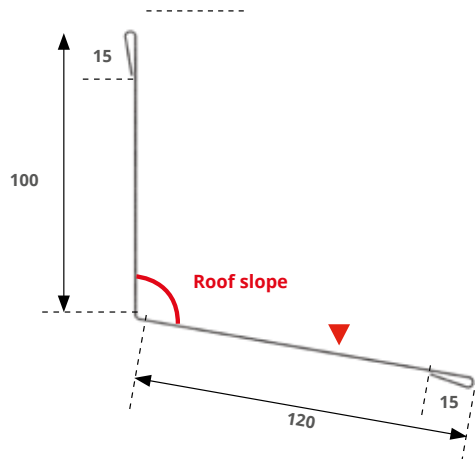
RIDGE END PIECE

TUYLEO® FLASHINGS

Standard thickness 0.50 mm pre-painted plastisol 200 µm, length 2300 mm

Ridge strip

Item code: PLIFCMT



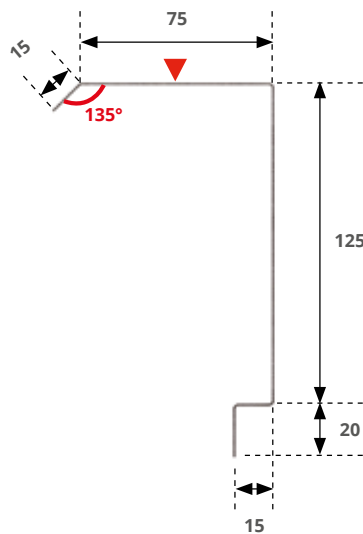
Gutter flashing 200 µm

Item code: PLIRBGT



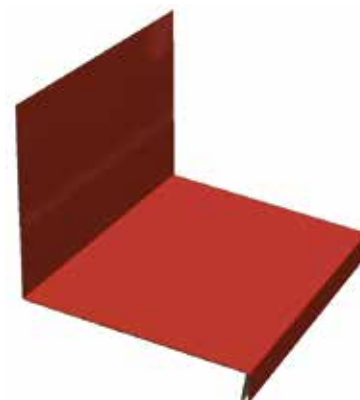
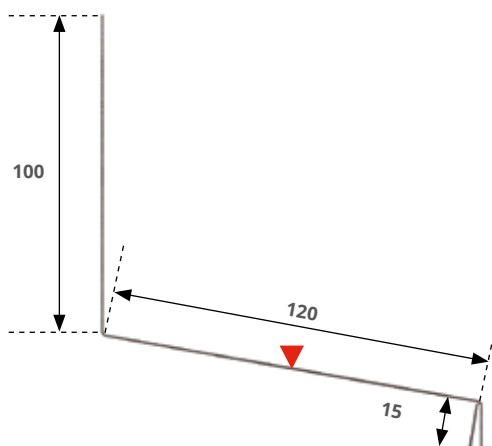
Bargeboard

Item code: PLIRPT



Headwall strip

Item code: PLIRST



TUYLEO® FLASHINGS

Standard thickness 0.50 mm pre-painted plastisol 200 µm, length 2300 mm

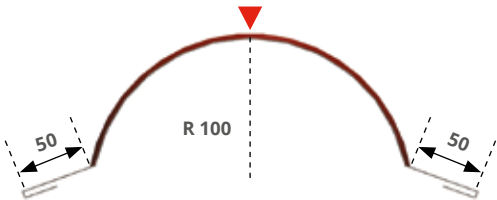
Ridge end piece

Item code: AFT716 polymer
AFT802
AFT804



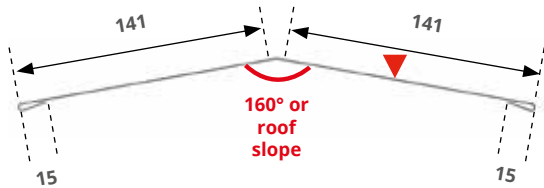
Half-round ridge piece

Item code: PLIFDRT



TUYLEO® flat ridge piece

Item code: PLIFPT



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