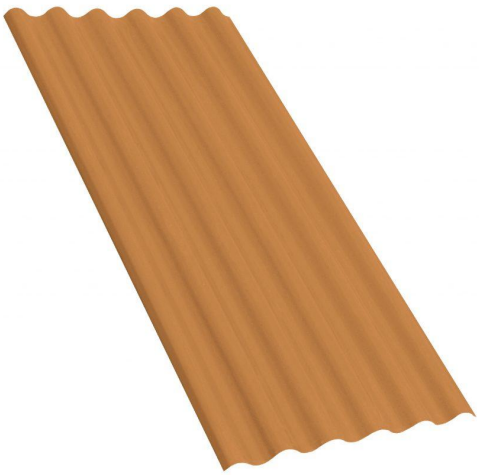
Roofing sheet Onda Romana



Available colours:

GS	VO	TN
Dark Grey	Olive Green	Natural Brick

The Onda Romana model has a pitch of mm 177, ideal for replacing or covering 6-waves asbestos-cement sheets.

INSTALLATION GUIDE

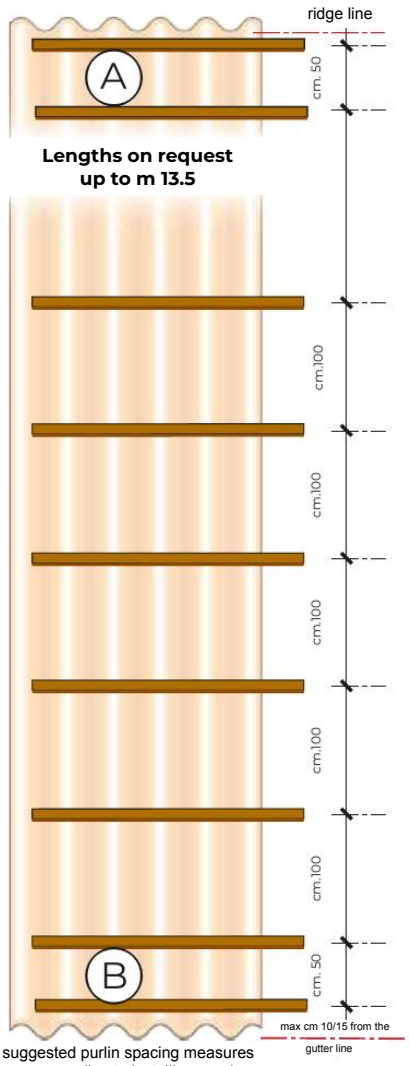
STANDARD LENGTHS

Item	Colour	Length m	Sheet area m²	Weight kg
ONLF021GS	GS	2,10	2,18	9,38
ONLF021VO	VO	2,10	2,18	9,38
ONLF021TN	TN	2,10	2,18	9,38
ONLF031GS	GS	3,10	3,22	13,85
ONLF031VO	VO	3,10	3,22	13,85
ONLF031TN	TN	3,10	3,22	13,85
ONLF042GS	GS	4,20	4,36	18,76
ONLF042VO	VO	4,20	4,36	18,76
ONLF042TN	TN	4,20	4,36	18,76

DIMENSIONAL FEATURES

Width mm	1039 ± 5
Working width mm	886 ± 5
Pitch mm	177
Profile height mm	54
Thickness mm	2,1 ± 0,2
Weight kg/m²	4,30 ± 5%
Underside colour	Beige
Maximum loading at 20°C*	kg 325

* With a distance between fixings of **1119 mm.**
The load is applied on the roofing sheet centre and spread out on the entire width



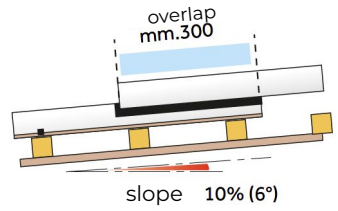
The suggested purlin spacing measures may vary according to installing needs

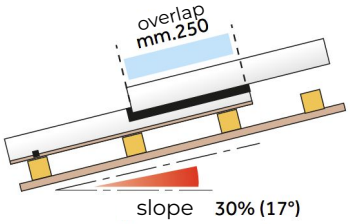
FRAMEWORK AND PURLINS

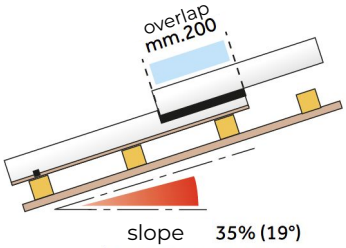
In a framework purlins are parallel to the gutter line and purlin spacing allows Onda Romana sheets to bear appropriate breaking loads. The breaking load of Cover Life sheets is mentioned among the technical features of every model. If you follow our technical instructions, you will be able to assemble durable roofings.

We recommend you to install Onda Romana sheets on frameworks with a maximum purlin spacing of cm 100. For the best possible shock resistance the first fixing must be put 10-15 cm away from the gutter line (B), the second at cm 50 from the first one and the last one at cm 50 from the ridge line (A) (see drawing).

Onda Romana sheets can be used also for wall covering: in this case, the minimum overlap is of mm 100. The overlap has to be fixed on a purlin and each wave has to be fastened with washers.







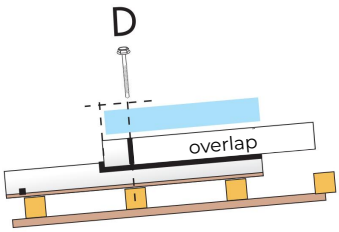
SLOPES AND OVERLAPS

Having assessed the pluvial index, you will have to determine the roofing slope. If the inclination is 10%, equal to 6° (minimum slope), the sheet's overlap will be equal to or greater than mm 300. With steeper slopes, the overlap can be reduced up to a minimum of mm 20. The overlap is calculated in order to prevent infiltrations caused by rain and a high wind.

In case of steeper slopes, the overlap area must vary according to the inclination, so that, in the event of heavy rainfall and strong wind blowing towards the ridge line, the storm water does not flow back into the overlaps.

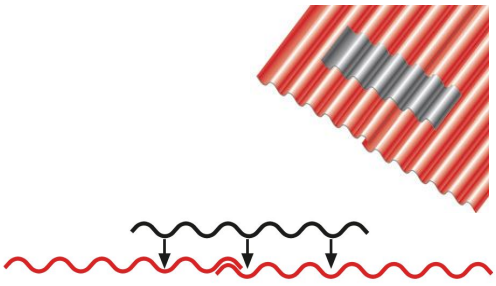
FIXING THE OVERLAPS

The overlapping must be made on the purlins and the overlapped sheets must be fastened on every wave. After determining the slope and the overlap length, it is necessary to pierce the holes for the fasteners at a maximum distance of mm 60 from the edge of the overlapped sheet (see drawing).



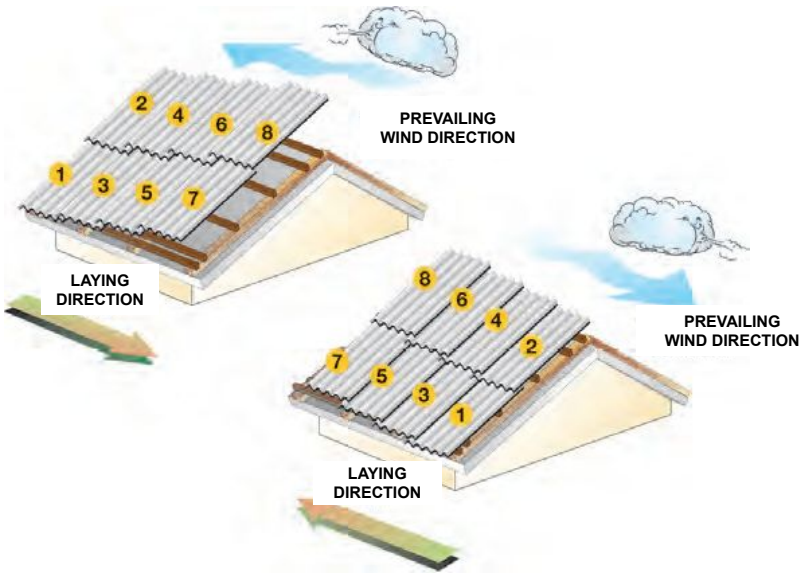
OVERLAPPING

After laying the first sheet, proceed with the next ones keeping the same overlap for all the sheets as shown in the drawing at the bottom of this page. Overlapping this type of sheet can cause some fixing problems due to its profile and can throw the sheets out of alignment. To solve this problem, you will need to lap a piece of sheet on two overlapped sheets (see drawing) by pressing firmly during the anchoring in order to prevent sheets from sliding out of position.



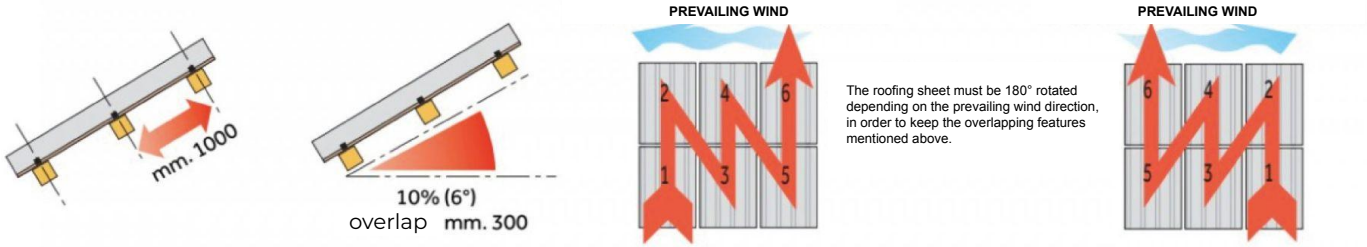
SHEETS LAYING DIRECTION

The right laying sequence depends on the local prevailing wind direction (see drawings).



Laying instructions:

ADVISABLE DISTANCE	MINIMUM SLOPE	LAYING SEQUENCE



Material: Technopolymer

Features: The layered polymer alloys used to make the sheet give the product resistance, lightness and elasticity, essential for roofing sheets

Use: Suitable for roofing industrial sheds, warehouses and hangars and for the vertical infill of any building. The product is the ideal solution for small building roofs (boxes, pergolas, bungalows) and for DIY

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