

Onduline® Duro 235



INDIVIDUAL & COLLECTIVE HOUSING



COMMERCIAL BUILDINGS



PUBLIC - ACCESS BUILDINGS



LEISURE HOUSING



TERRACE COVERINGS



BALCONIES



STAIRCASE COVERINGS



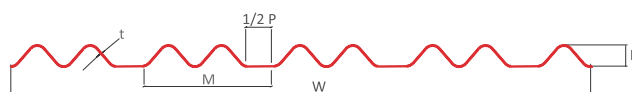
CAR PARKS & SHEDS



- Lightweight corrugated roofing material and wall-cladding material. Ideal for all types of applications.
- Modern looking.
- Easier installation, thanks to flat parts.
- 10% Higher coverage surface.
- Extra resistance to hot and humid climate.

Product characteristics

Length	L	2000 mm
Width	W	1045 mm
Thickness	T	3 mm
Height of corrugation	H	38 mm
Pitch of corrugation	P	95 mm
Surface		2.09 m ²
Weight		6.9 kg
Weight per m ²		3.3 kg/m ²
Corrugations + Flats		9 + 4
Coverage Surface (Roof Pitch > 15°)		1.74 sqm



COLOURS



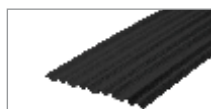
• Red



• Brown



• Green



• Black

Installation Procedure

To have a long lasting and guaranteed roof, it is mandatory to follow the fixing order and pattern.

RECOMMENDED ROOF PITCH 15° AND ABOVE

FRAME

- ONDULINE® sheet shall be supported by purlins with maximum width distance of 45 cm. Fix the bottom purlins first.

FIXING

- **14 screws** should be drilled per sheet.
- 5 screws at each corrugation at the end overlap or eaves.
- 3 screws at first intermediate purlin of the sheet.
- 3 screws at second intermediate purlin of the sheet.
- 3 screws at third intermediate purlin of the sheet.

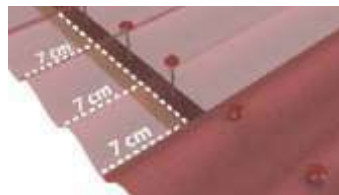
OVERLAP

- Maximum overhand at eaves should be **7 cm**.
- For the end overlap, use minimum **20 cm**.
- For the side overlap, use minimum **1 corrugation**.

EDGES / VERGES

COVERING WITH AN ONDULINE VERGE ELEMENT

- Fasten barge-board level with top of ONDULINE® sheet.
- The ONDULINE® verge is then overlaid and nailed into position.
- It is possible to use a ridge element for this purpose.



RIDGE FIXING

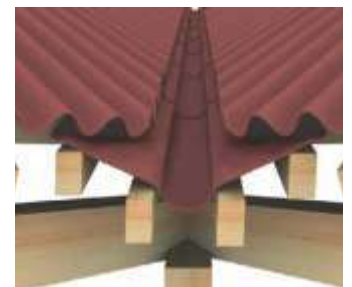
- Use a **ridge plank** to support the ridge.
- The ridge element should be fastened at each corrugation of the overlapped sheet.
- Add an **extra purlin** when necessary if the distance between the last purlin and the ridge is too wide.
- Start fixing the ridge element at the opposite end of the roof from prevailing winds.
- The ridge element should overlap the ONDULINE® sheet minimum **12 cm**.
- Lay ridge elements with a minimum overlap of **12.5 cm**.
- A ridge cap can be cut out of the flat part of a ridge element.



VALLEY

USING ONDULINE VALLEY

- Fix valley board / trim purlin and line with ONDULINE® valley.
- The vertical valley depth should be sufficient to allow the water to flow.
- The sheets are cut across (parallel to the valley line).
- The overhang is max 4 cm.



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* For detailed technical fixing guidelines Please contact our technical department.

