

DURO[®] 235



WATERPROOFING
★ ★ ★ ★ ★
15 YEARS
WARRANTY

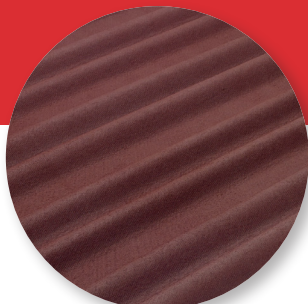
**LIGHTWEIGHT CORRUGATED
ROOFING MATERIAL AND
WALL-CLADDING MATERIAL.**



Industrial Building



Commercial Buildings
and Resort



Onduline[®]

Lightweight roofing systems

HUBUNGI :  **HOME MART**

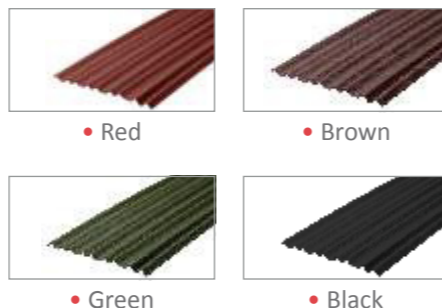
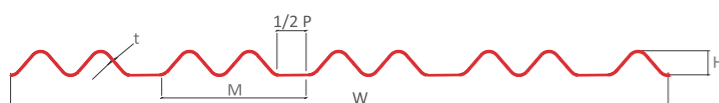
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CHAT ONLY

DURO® 235



DURO® 235

- 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.



SPECIFICATION

Length	L	: 200 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		: 6,9 kg/m ²
Corrugation + Flats		: 9 + 4
Coverage Surface (Roof pitch > 15°)		: 1,74 sqm

INSTALLATION

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 the first intermediate purlin of the sheet.
 - 3 screws at the second intermediate purlin of the sheet.
 - 3 screws at the sthird intermediate purlin of the sheet.

OVERLAP

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

EDGES / VERGES

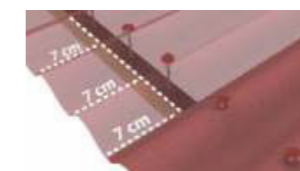
COVERING WITH AN ONDULINE VERGE ELEMENT

- 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

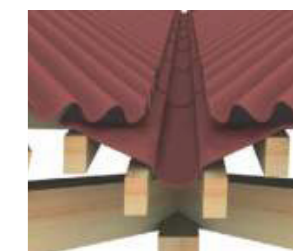
- Use ridge plank to support the ridge.
- The ridge element should be fastened at each corrugation of the overlapped sheet.
- Add an extra purlin when necessary if the distance between the last purlin and the ridge is to wide. Start fixing the ridge element at the opposite end of the roof from prevailing 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 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



Individual Collective Housing



Terrace Coverings

Commercial Building



Balconies



Public - Access Building



Staircase Covering

Leisure Housing



Car Parks & Sheds



HUBUNGI



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