



UNITILE®
STEEL ROOFING



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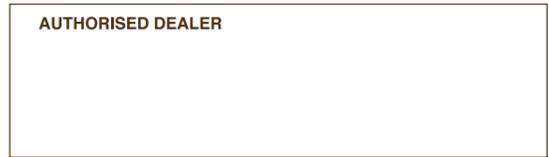
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Colorbond®

AUTHORISED DEALER



**THE EUROPEAN ASYMMETRICAL
TILE-EFFECT STEEL ROOF**

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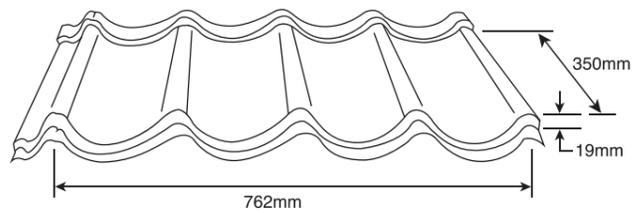


- ◆ Using Scandinavian Technology to create asymmetrical feature
- ◆ Double Protection from water seepage with anti-capillary groove & inner drainage valley

- ◆ Last 4 times longer than ordinary steel roofing and not easily affected by "tropical staining"
- ◆ 19mm step height, can withstand heavier load

SCHEMATICS & LENGTHS

UNITILE® 762 is produced in length up to 9m. However longer length is available provided proper transport and on site handling can be arranged.



MATERIALS

UNITILE® 762 roofing and cladding are made from proven materials supplied by NS BlueScope Malaysia. The common materials are G300 COLORBOND® steel.

COLORBOND® steel, AZ150 G300

COLORBOND® steel uses ZINCALUME® steel as the base substrate with BlueScope's proprietary metallic coating technology, for more superior corrosion resistance performance.

ZINCALUME® steel is a high-tensile G300 steel with a minimum yield strength of 300MPa and a metallic coating with composition of 55% aluminium, 43.5% zinc and 1.5% silicon which conforms to Australian Standard AS1397 and Malaysian Standard MS1196. The practical and aesthetic merits of ZINCALUME® steel include durability, longer lasting, formability and excellent corrosion resistance. Thus ZINCALUME® steel is able to last up to 4 times longer than galvanized steel (GI) and pre-painted galvanized steel (PPGI). The uniqueness of BlueScope's proprietary surface treatment technology lies in the formula and the process of applying clear resin onto ZINCALUME® steel to enhance the surface marking resistance.

COLORBOND® steel also comes with Clean Technology to prevent dirt from bonding to the surface. The optimum paint formulation and pigment blends assure excellent colour retention and longer lasting performance.

COLORBOND® steel conforms to:

- SIRIM Product Certificate AS/NZS 2728 (Prefinished/ Pre-painted Sheet Metal Products)
- SIRIM Product Certificate MS2383 (Prefinished/ Pre-painted Sheet Metal Products)
- CIDB PPS Certificate
- BS476 Part 6 (Fire Propagation) & BS476 Part 7 (Surface Spread of Flame) i.e. BOMBA Class 'O' certification requirements

Other materials are also available upon request:

- COLORBOND® ULTRA steel in AZ200 G300
- VERMOE™ steel in AZ150 G300
- PRIMAMAJU® steel in AZ100 G300

TOLERANCES

Length + 10mm / - 5mm Cover width + / - 5mm

PHYSICAL PROPERTIES*

BMT	COLORBOND® STEEL	
	Kg/m	Kg/m ²
0.35mm AZ150	2.72	2.98
0.42mm AZ150	3.22	3.53

BMT: Base steel thickness before metallic and paint coatings.

COLOURS

UNITILE® 762 is readily available in popular COLORBOND® steel colours. Colour matching is possible upon meeting a minimum order quantity.



* Please check your chosen colour against an actual sample of the product, as varying light conditions and limitations of the current printing process may affect colour tones.

CAUTION

- UNITILE can be used on roof as low as 7° degree. Please consult our Technical Department for roof with end laps or longer length roof.
- Avoid contact with incompatible materials (copper/lead/stainless steel).
- Always turn up the pans at upper end to prevent back flow.
- Avoid circular saw disc cutting as the hot particles may damage the roofing surface.
- Only use non-acidic sealant.
- Clean up all debris/swarf after installation.

QUALITY CONTROL

UGI is certified to MS/ISO 9001:2015 Quality Management System. UGI ensures high quality COLORBOND® THERMATECH® steel is precisely cold formed into UNITILE® 762.

WARRANTY

UNITILE® 762 has a back to back material performance warranty* from NS BlueScope Malaysia. For COLORBOND® steel, it covers:

- Warranty* against corrosion perforation for up to 25 years
- Warranty* against flake and peel for up to 15 years
- Warranty* against colour fading for up to 12 years
- Warranty* against dirt staining for up to 5 years

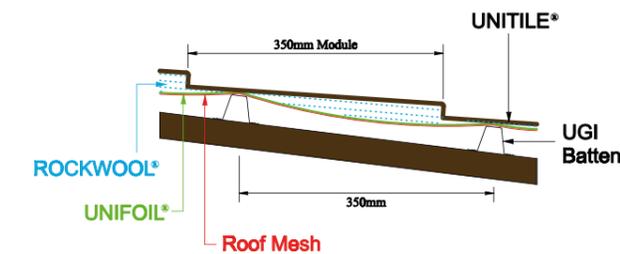
* Warranty terms and conditions apply.

ROOF BATTEN

The correct positioning of roof battens for UNITILE® 762 is shown in the diagram. The recommended batten spacing is positioned at the middle of the module.

THERMAL & NOISE INSULATION

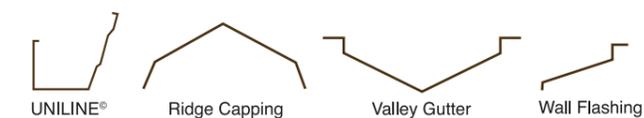
UGI always recommend UNITILE® 762 to be installed with proper thermal and noise insulations; a layer of 50mm 40kg/m3 ROCKWOOL 'Cool n Comfort', UNIFOIL® woven radiant foil and supported by UGI GI roof mesh.



Typical UNITILE® Section

ACCESSORIES

Typical UNITILE® 762 roof flashings & gutters are made from girth width of 457mm & 305mm and standard length of 8ft (2.438m). Wider girth and custom made lengths up to 9m are available subject to enquiry.



FASTENING DETAILS

To match the performance of UNITILE® 762, the fasteners must conform to AS3566 Class 3.

CREST FIXING	
Drilling Capacity	
Without insulation A3 12-14 x 50 DGS	With insulation A3 12-14 x 65 DGS
Hardwood	
Without insulation A3T 12-11 x 50 DGS	With insulation A3T 12-11 x 65 DGS

LAYING

Laying begins at the gable side and from left to right (view from gutter to ridge). Whenever possible, install the female rib first and subsequent fit the male rib into the female rib. Before laying commences the dimensions of the under laying structure must be thoroughly checked. The sheet must always be laid at right angles to eaves. The first roofing sheet must be laid with particular care because it determine the alignment of the subsequent sheets.

SIDE LAYING

The correct side overlap ensures 100% water leakage proof and enhance unique UNITILE® 762 appearance



UNITILE®