



LYSAGHT®

SHADOWRIB™ 900



Aesthetically
Superior
Walling Profile



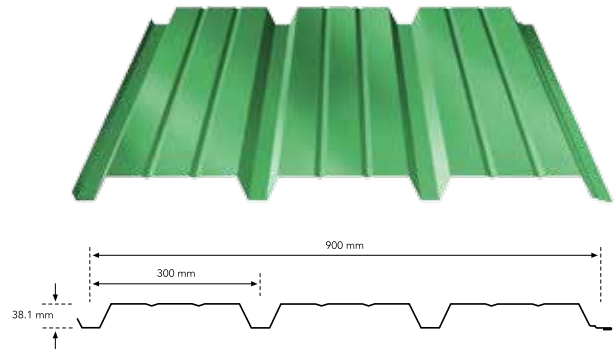

**TATA BLUESCOPE
STEEL**

SHADOWRIB™ 900 is a wall cladding profile which provides architecturally pleasing appearance to your building. It is a strong profile, engineered to take high wind load and pressure.

SHADOWRIB™ 900 profile features a full nominal 38.1 mm deep corrugation for extra strength. Panels are 900 mm in width and up to 12 meters in length so wall erection occurs quickly even on large buildings. It is available in standard thickness options and in a wide range of attractive standard colours.

Profile

LYSAGHT® SHADOWRIB™ 900 wall cladding profile comes with effective cover width of 900 mm, with four major corrugation, 38.1 mm deep rib spaced at 300mm c/c with two stiffener in the pan. The one lap side (edge) is hemming helps for fixing the fastener at the valley and also helps in improving aesthetics.



Material Specifications:

ZINCALUME® steel resin coated, minimum metallic coating mass is AZ150 (150g/m²), minimum yield strengths of G550 (550MPa) complies with AS1397 or IS15961.

COLORBOND® XRW is pre-painted steel for exterior roofing and walling. Its minimum metallic coating mass is AZ150 (150g/m²), minimum yield strengths is G550 (550 MPa) with Super Durable Polyester exterior paint system, total 25um DFT on topside and 10um DFT on reverse side complying with AS/NZS 2728- type 4 or IS15965- class 3.

COLORBOND® Ultra is pre-painted steel for severe coastal or industrial environments (closer to source), minimum metallic coating mass is AZ200 (200g/m²), minimum yield strengths is G550 (550MPa), Super Durable Polyester exterior paint system, total 25um DFT on topside and 15um DFT on reverse side complying with AS/NZS 2728- type 4 or IS15965- class 3.

(Please contact Tata BlueScope steel office for COLORBOND® spectrum series (metallic finish) and COLORBOND® XPD (PVDF) specification)

COLORBOND® steel with THERMATECH™ Technology

COLORBOND® steel with THERMATECH™ technology reflects more of the sun's heat, allowing both roofs and buildings stay cooler in summer. In moderate to hot climates, compared to roofing materials of similar colour with low solar reflectance, COLORBOND® steel with THERMATECH™ can reduce annual cooling and energy consumption by up to 15%* and also reduces peak roof temperature by up to 6°C**.

Masses

SHADOWRIB™ 900				
BMT*	TCT*	Product	kg/m	kg/m ²
0.42	0.47	ZINCALUME® steel	3.77	4.20
0.42	0.47	COLORBOND® steel	3.84	4.26
0.45	0.50	ZINCALUME® steel	4.03	4.48
0.45	0.50	COLORBOND® steel	4.10	4.55

* Dimensions are in mm

Wall Features: Engineered to Last Longer

COLORBOND® steel and ZINCALUME® steel

Corrosion resistant coated steel to last longer SHADOWRIB™ 900 profile is manufactured from steel grade of minimum yield strength of G300 (300 MPa).

The coated steel is ZINCALUME® steel which is Zinc-Aluminum alloy coated complying with AS 1397, G300, AZ150 (300 MPa yield stress, 150 g/m² minimum coating mass). It lasts two to four times longer than galvanised steel in similar environment condition.

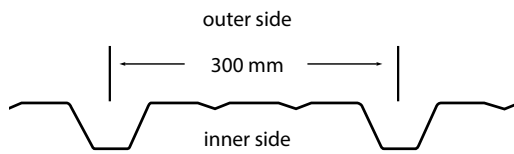
COLORBOND® steel conforms to AS/NZS 2728 Type 3-4. It has specifically formulated paint system for external roofing and wall cladding application to give aesthetical appearance and long lasting colour for longer time than any other conventional paint system. The paint system is designed to resist chalking and fading.

Wide Pan Visibility

For better aesthetic looks

The wide pan visibility gives aesthetic looks to exterior of the building. Since, the depth of rib is facing inward,

it hides the screw and gives a smooth look to wall cladding.

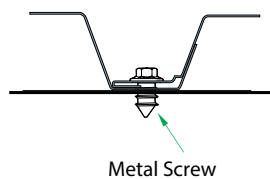


Wide Options

Right thickness for right applications

SHADOWRIB™ 900 profile is available in three general thicknesses to cover wide range of loading requirements for wall panel application. Since the wind pressure is the most critical factor, which governs the profile thickness and dimension, SHADOWRIB™ 900 profile allows to make the cladding as economical as possible without compromising on the aesthetic look of the building.

Anti-Capillary Groove



Assures weather-tightness

To provide long-term weather-tightness, the profile is defined with a groove, which acts like anti-capillary groove when subjected to heavy rain shower. If required for extra protection, good quality neutral cure sealant may be placed over this groove which acts like sealant groove. The panel side is U-bend so as to avoid direct edge visibility to the wall cladding, which not only provides aesthetic look, but also helps in placing the fastener to make the joint weather-tight.

Fewer Fasteners

Maintain incredible strength

Fasteners for SHADOWRIB™ 900 profile conform to AS 3566 : 2002 Class 3 Australian Standard for exposed application.

SHADOWRIB™ 900 profile is designed to need fewer fasteners (up

to 33% fewer) than most ribbed panels. Fewer fasteners result in lower installation costs and reduced heat loss through the wall. A variety of fastener options meet the needs of appearance, security and economy.



Fasteners

Research

A fully tested system

Our Research & Development Center performs quality control tests of roof materials and components, along with investigation of new materials, parts and processes.

The use of sophisticated testing equipment enables the staff to predict actual field performance of a product and helps ensure that the roof product on your new building will stand up to weathering and age.



Benefits

- Strongest wall cladding profile, designed to take heavy lateral load and accidental impacts
- Wide pan visibility gives an aesthetically pleasing look to the exterior of the building
- The panel is hemmed at one side to avoid edge visibility to the wall cladding providing aesthetics, and helps to place fastener making it weather tight
- Up to 100mm additional space of insulation
- Required Fewer fasteners than other profile (15-20% lower than other profile)
- Fasteners are recessed deep in the corrugation, panel gives walls an attractive uniform pattern from distance
- The panels are manufactured from G300 grade COLORBOND® pre-painted steel or ZINCALUME® steel



Global Excellence since 1857

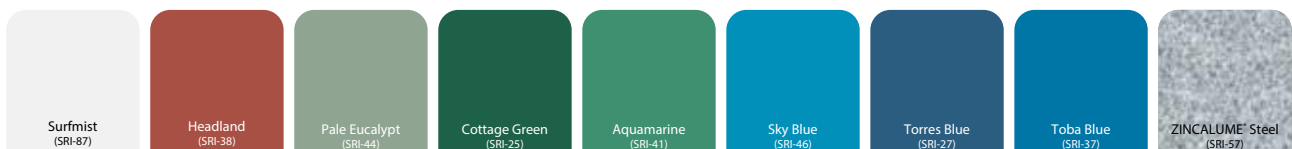
Product Descriptions

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Standard Colour Range



The above colours are only for illustrative purpose and actual colours may vary.



TOLL FREE

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