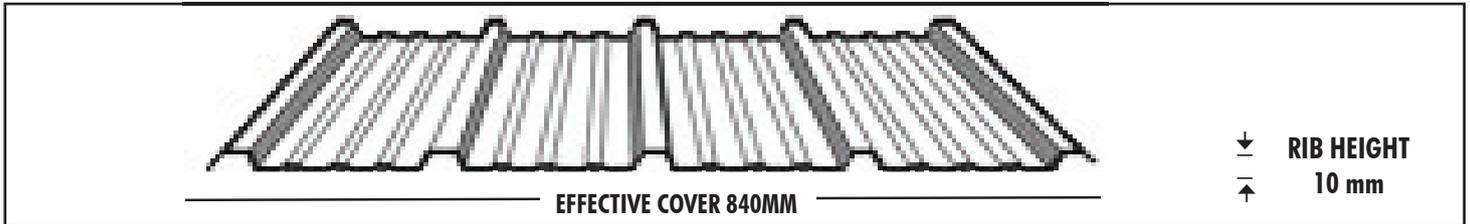


# ROLPANEL™



## WALL CLADDING

*Rolpanel is an attractive economical wall cladding. The triple vee design gives a distinctive pattern ensuring a bold pleasing appearance to all fences and wall applications.*



## ADVANTAGES

### COST SAVINGS

Eliminates end laps and allows the job to be paid in one operation, thus reducing installation time to a minimum.

### DURABILITY

Long life is obtained from the high tensile steel, galvanised, zinc or colour finishes available.

### HIGH STRENGTH

Rolpanel has been designed to be a light weight sheeting for ease of construction and handling, yet provide maximum structural properties and damage resistance in service.

### WIDE COVER

The effective cover is 840mm when applied, as indicated.

## RECOMMENDED SPAN AND FIXING

Rolpanel may be installed either vertically or horizontally. The ideal span should not exceed one metre for either application. Maximum sheet length 3.000 LM

### FIXING

Even though Rolpanel can be nailed to timber supports, as far as superior finish can be achieved with either:

1. Type 17 12x25 Hex. Head Screws for timber.
2. 10x16 Hex. Head Tek's Self Tapping Screws for steel.

Both can be colour matched.

## FINISHES

- Galvanised - heavy zinc coated steel.
- Zinc - Zinc/Aluminium coated steel.
- Colour - Oven baked, painted, cured on a zinc metal base.

### TOLERANCES

Overall length,  $\pm 10$  mm.

Cover width,  $\pm 10$  mm.

## MATERIAL SPECIFICATIONS

Rolpanel is a cold roll formed wall cladding, manufactured for all finishes from a base steel of:

- G550 (550MPa minimum yield stress) Hi - Tensile with a thickness of 0.42mm or 0.35mm.
- Galvanised finish is Z450 zinc coating (450 gram per square metre) of 0.05mm thickness in accordance with AS1397.
- Zinc finish is AZ150 zinc/aluminium alloy coating (150 gram per square metre minimum coating mass) of 0.05mm thickness in accordance with AS1397.
- Colour finish is pre - painted oven baked, cured, available in a number of colours, over a steel based coating of 0.05mm thickness in accordance with AS1397.

## SWARF DAMAGE

Swarf is the hot metal particles caused by cutting, drilling and filing steel. It is particularly common when power tools are used. The hot particles weld themselves to surrounding metal surfaces and then rust causing unsightly brown stain (often very visible on coloured steels).

## PRECAUTIONS

### REMOVAL OF SWARF

Swarf can be removed by scrubbing with a stiff nylon brush lubricated by a mild detergent solution, then rinse surfaces with water. If necessary, mop up excess water with a clean cloth. Ensure any particles swept into gutters are removed. Staining cannot easily be removed and badly affected areas may need to be painted.

### SEALANTS

Whilst there are a wide range of sealants available, not all are compatible with Robot Building Supplies products. Mastic type sealants do not usually provide the life required. Soldering is still an acceptable form of joining galvanised products but silicone sealants have the flexibility of being able to join galvanised, zinc and pre - coloured steels. Zinc coated steel cannot be soldered.

Silicone sealants must be suitable for roofing and guttering use and of non - acetic, amine free, neutral cure type. Sealants that smell of ammonia, vinegar or lemons are not suitable.

Silicone sealants are best used as a gasket, smeared between two surfaces. This provides the best joining method and protects the sealant from UV action. Always remove metal filings from the joint before assembly and smear sealant over all fasteners.

### RUN-OFF FROM OTHER SURFACES

Water should not be allowed to flow from Copper or Lead over Zinc sheet, or from Copper over Galv. In addition water should not flow from zinc or pre-painted steel over Galv. The over-flow from air conditioning systems often runs onto metal roofing causing rapid deterioration.

### TOUCHING UP SURFACES

Scratching or pre - coloured steel may occur during handling, however, the steel manufacturers have advised that the touching up of painted steel surfaces is not recommended. Air dry touch paints will have different weathering characteristics to oven cured coatings, eventually exaggerating minor blemishes.

To avoid differential weathering and colour variation, minor scratching and scuffing should be left untouched. In most cases, minor damage to roofing and guttering cannot be easily seen and over - spray may result in a more unsightly problem eventually.

For work at low levels such as verandahs and carports, some marking is inevitable and minor scratching must be accepted by the consumer. Fabricators and installers should ensure that maximum care is taken to protect pre-painted steel surfaces from damage.

### BUILT TO LAST

At Robot Building Supplies our wish to produce and market quality products, innovate new products and support them with qualified people who offer friendly service and advice. This brochure is designed to give the consumer the greatest appreciation of how to use our steel products in the best way possible.

*It is the responsibility of the purchaser to ensure that any product purchased from Robot Building Supplies complies with all the building regulations/requirements of any Council, Planning or Building Authority. Robot Building Supplies makes no representations as to compliance with any such regulation or law and will not accept any claims arising from non compliance.*

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