

## HI-RIB 500 CONCEALED FIXED ROOF & WALL CLADDING

**HI-RIB** is produced in long length and is suitable for roof and wall cladding applications. Each sheet has 500mm cover width and is designed to lock down over concealed fixing clips which in turn are fixed to the supporting members. It is manufactured locally by continuously roll-forming a prefinished material giving a low cost and high quality product.

### ADVANTAGES

#### COST SAVINGS

HI-RIB is produced in three thickness so you can choose the one that suits your needs at least material cost. With its high strength and rigidity supports can be widely spaced to reduce under structure costs. Fixing is by the concealed fixing clip fastening method

#### PROTECTION

Colourstrong, PVF<sup>2</sup> and Galvalume coated steel provide the best protection from the environment and gives long to any building.

#### LONG SPANS

The profile has been designed so that a very strong section has been produced. This allows the use of wide support spacings while still being able to resist wind and other loads

#### COVERAGE

Each sheet of HI-RIB comprises 3 ribs 50mm high with an effective coverage of 500mm +/-2.

#### ROOF PITCH

Recommended minimum roof pitch is 1° (1 in 60). When the ribs of HI-RIB are snapped together an anti-capillary space is formed which prevents the entry of water. Because of the deep and widely spaced ribs. HI-RIB has very good water run-off capabilities

#### LENGTHS

HI-RIB can be factory rolled and cut to any customer specified length. Length is only restricted by transport limitation.



RE-ROOFING OF HI-RIB ON FLAT ROOF AREA AT EMPIRE HOTEL BRUNEI

### SUPPORT RECOMMENDATIONS

#### MAXIMUM SUPPORT SPACINGS(NON CYCLONIC)

Area	: Non-cyclonic
Max. Building Height	: 5m
Wind Velocity	: 50m/s
Internal Pressure Coefficient	: +/- 0.2
Terrain Category	: 3



#### MAXIMUM SUPPORT SPACING (NON -CYCLONIC)

MATERIAL THICKNESS	ROOF SPANS					WALL SPANS			
	SINGLE	END	INTERNAL	OVERHANG		SINGLE	END	INTERNAL	OVERHANG
				UNSTIFFENED	STIFFENED				
0.42 BMT	1000	1300	1400	200	600	2200	2200	2400	300
0.48 BMT	1600	1900	2200	200	600	2300	2700	2900	400
0.57 BMT	2200	2400	2800	300	900	2600	2900	3000	600

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