
Bighands Building Supply Australia Pty Ltd

60-68 Hampstead Road Auburn NSW 2144

p: (02) 7901 9150

m: 0425 378 477

e: info@bighandsbuildingsupplies.com.au

w: bighandsbuildingsupplies.com.au

Product Catalogue

Insulated EPS Roof & Wall Panels



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INSULATED EPS ROOF & WALL PANELS

What are insulated EPS roof & wall panels used for?

EPS roof panels are insulated roofing panels which incorporates roof, insulation and ceiling, making it a unique 3-in-1 roofing system. It provides an attractive, internal off-white coloured steel lining that is maintenance free.

EPS wall panels are insulated sandwich panels made up of two steel faces bonded to an expanded polystyrene insulating core. It's a unique light, cost-effective construction material used for both free standing and load bearing panels.

Benefits of insulated EPS panels:

- ✓ Innovative "Seam Look" system eliminates unsightly joints
- ✓ Easy to install
- ✓ Each roof panel spans up to 5m long unsupported
- ✓ Ideal for patio enclosures and carports
- ✓ Easy cable access and safe electrical ducts
- ✓ Available in flatteck roofing profile

Fixing Recommendations for Roof Panels

C Insulated roofing should be laid into the prevailing wind and sit neatly on the preceding roof sheet. For the insulated roofing profile fasten through each crest. Use cyclone caps and neoprene washers in all crest fixings. Fix side laps with 12 x 20 hex head screws with neoprene washers at approximately 1000mm centres, refer to below:

Fixing to Steel

Crest fixing only - one fixing per crest

50mm panel - 14-10x115 hex head screw

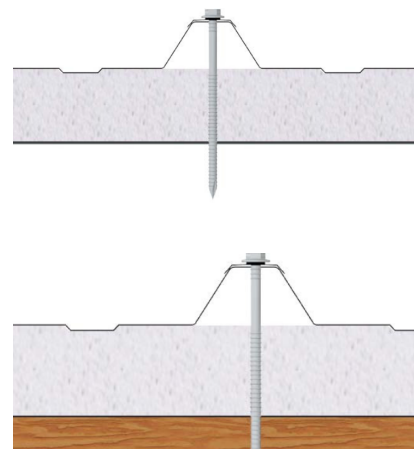
75mm panel - 14-10x135 hex head screw

Fixing to Timber

Crest fixing only - one fixing per crest

50mm panel - 14-10x125 hex head screw

75mm panel - 14-10x150 hex head screw




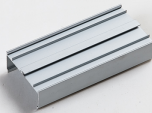

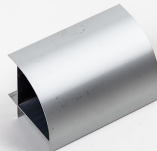

Roof Panels

Product Name	Length	Foam Density Kg/m ³	R value m/Kw	Span	Sheet Dimensions	Available Colours
50mm 1050mm Roof Panels	3.8m 4.8m 6.0m 7.2m	8.8kg/m ³	1.39	3.5m - 4m	Top Sheet: 0.482mm Steel Underskin: 0.482mm Steel	Surf Mist
75mm 1050mm Roof Panels	3.8m 4.8m 6.0m 7.2m	9.1kg/m ³	2.09	4.5m - 5m	Top Sheet: 0.482mm Steel Underskin: 0.482mm Steel	Surf Mist

Wall Panels

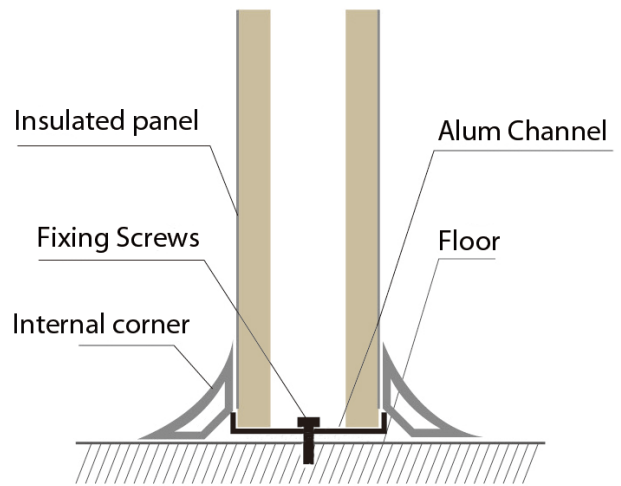
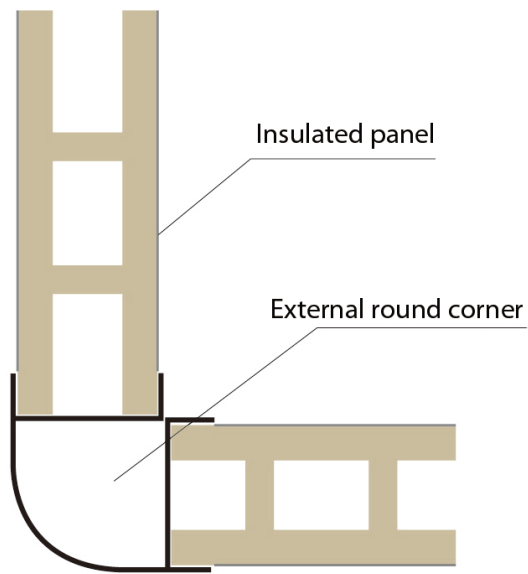
Product Name	Length	Foam Density Kg/m ³	Steel Face	Available Colours
50mm 1200mm Wall Panels (Coverage: 1150mm)	2.4m 2.7m 3.0m 3.6m 4.8m 6.0m	14kg/m ³	0.376mm Steel	Surf Mist
75mm 1200mm Wall Panels (Coverage: 1150mm)	2.4m 2.7m 3.0m 3.6m	14kg/m ³	0.376mm Steel	Surf Mist
100mm 1200mm Wall Panels (Coverage: 1150mm)	2.7m 3.0m	14kg/m ³	0.376mm Steel	Surf Mist

Accessories

Product Name	Length	Available Colours	Product Image
Aluminium Channel	6m	Surf Mist	
Aluminium Window Frame	6m	Mill Finish	
Aluminium Door Jam	6m	Mill Finish	
External Corner	6m	Mill Finish	
Aluminium Angle	6m	Mill Finish	

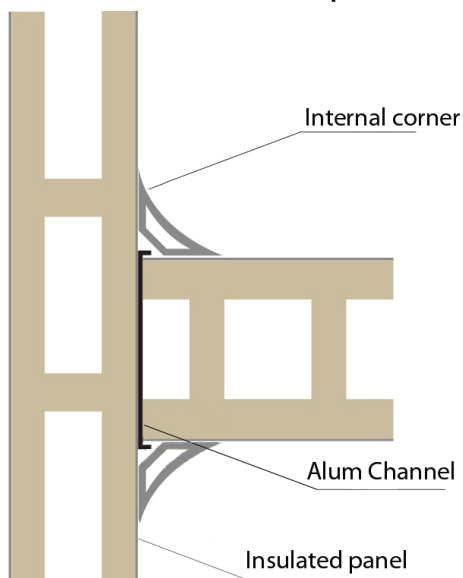
INSTALLATION ADVICE

Corner of insulated wall panels connected by round external corner



Insulated wall panel and floor connection

T Connection between panels



Wall construction with existing wall

