

CORROSION

ROOF PROFILE CLOSURES

TECHNICAL BULLETIN CTB-19

Rev 3, November 2003

This issue supersedes all previous issues

Stop ending, or bending up the trays or pans between the profiled ribs of the sheeting, is required at the upper end of all roof sheeting on slopes below 25°. This is to ensure that wind driven rain will not penetrate under the flashing and drain into the ceiling cavity or building space.

Metal end stops are available to close the drip edge rib cavities on higher profile roof sheeting ribs. These must be fitted to ensure limited entry of wind blown rain.

Profiled, closed cell foam filler strips are available to match the top and bottom profile of the a wide range of sheet profiles. It is critical to ensure that the foam used in the filler strips does not absorb water as this will lead to poultice corrosion of the sheeting and structural steel support.

When sandwiched between the eaves support and underside of the roof sheeting, (*as an eaves closure*) a bottom profile strip seals against dust, insects, birds, rodents and wind driven rain.

Insertion of the strip between the roof sheeting and hip or ridge flashing will once more prevent wind driven rain from penetrating the roof cavity.

Filler strips made from ignitable materials must also be avoided, particularly in those areas prone to bush fire hazard as wind blown sparks may initiate ignition of the foam strip contributing to destruction of the building by fire.

BlueScope Steel Limited do not recommend the use of filter strips in situations that may encounter excessive condensation, such as water reservoir roofing etc.

The information and advice contained in this Bulletin is of a general nature only, and has not been prepared with your specific needs in mind. You should always obtain specialist advice to ensure that the materials, approach and techniques referred to in this Bulletin meet your specific requirements.

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BlueScope Steel Limited ABN 16 000 011 058
BlueScope Steel (AIS) Pty Ltd ABN 19 000 019 625



AUSTRALIA	SYDNEY	Telephone: (02) 9795 6700
	MELBOURNE	Telephone: (03) 9586 2222
	BRISBANE	Telephone: (07) 3845 9300
	ADELAIDE	Telephone: (08) 8243 7333
	PERTH	Telephone: (08) 9330 0666

OVERSEAS	BlueScope Steel (Malaysia) Sdn Bhd	Telephone: (603) 3250 8333
	BlueScope Steel (Thailand) Limited	Telephone: (66 38) 685 710
	PT BlueScope Steel Indonesia	Telephone: (62 21) 570 7564
	BlueScope Steel Southern Africa (Pty) Limited	Telephone: (27 21) 555 4265