

## **BC01 Clearance Between Sheet Ends and Transverse Flashings**

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Version 1

The Metal Roofing and Wall Cladding Code of Practice (COP) stipulates clearance should be provided between the bottom edge of a profiled sheet and a transverse flashing, such as a change of pitch flashing. The purpose of such clearance is to prevent the end of the profiled sheet from damaging the protective coating on the flashing, due to movement of the former from thermal expansion.

The COP does not stipulate what this clearance should be.

While the thermal expansion of steel can be calculated, and cannot be resisted, with pierce fastened profiles the expansion does not affect the end-to-end length to a great degree. Typically with such profiles, nearly all the expansion is accommodated by bowing of the sheet between lines of fasteners.

There are too many variables to give an accurate generic answer, but with typical residential roofs up to 12 metres in length, a clearance of 5mm or more has been proven to be practically sufficient.

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