

# TECHNICAL BULLETIN

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## FIXING OF PHOTOVOLTAIC PANELS

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It is important to ensure there is adequate clearance between PV panels and Euramax roofing materials.

PV panels should be mounted in a manner that allows adequate natural washing by rainwater to assist in the prevention of build-up and removal of contaminants.

### Unwashed Areas:

Roof areas below PV panels are considered to be unwashed areas and as such may be considered to have a failure rate of 4 times washed areas due to

- # An accumulation of salt, dirt and airborne contaminants
- # Contaminants remaining damp for extended periods due to lack of air flow, humidity or condensation.

Unwashed areas need to be cleaned regularly, 3 monthly in coastal areas and 6 monthly inland.

Cleaning should be carried out using a soft nylon broom or similar in conjunction with adequate clean water.

### Fixings :

All dissimilar metals are to be separated from the Euramax roofing material.

Dissimilar metals include alloys containing copper, copper, brass, stainless steel and lead.

CCA treated timber must not be used.

The water run-off from the above materials onto Euramax roofing is also to be avoided.

Due to high carbon content Butyl tape is not to be used as a separation barrier.

EPDM tapes are compatible and may be used.

The failure to provide adequate natural washing or the inability to clean the unwashed areas under panels, the use of, or run-off from dissimilar materials may in the event of a failure void the Euramax warranty.

FOR FURTHER INFORMATION PLEASE CONTACT AMBRO METALS LTD

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