DRI-CLAD®

Drip Resistant - Metal Roofing and Cladding

Roofing Industries
roof.co.nz

DRI-CLAD®

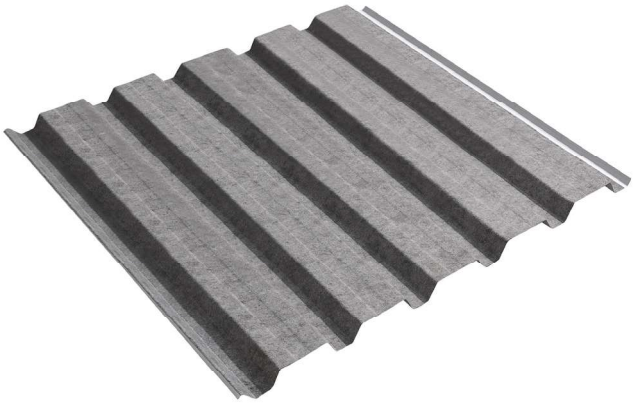
Description

A revolutionary new series of "drip resistant" metal roofing and cladding products manufactured utilising a factory applied moisture absorbing fleece to the underside of sheeting providing condensation control and thermal benefits for use across many construction projects.

The DRI-CLAD® Story

Where uninsulated roofs and walls are being designed and constructed, traditionally underlay along with mesh is installed under metal roofing and cladding to control potential water leakage through the sheeting into a building .

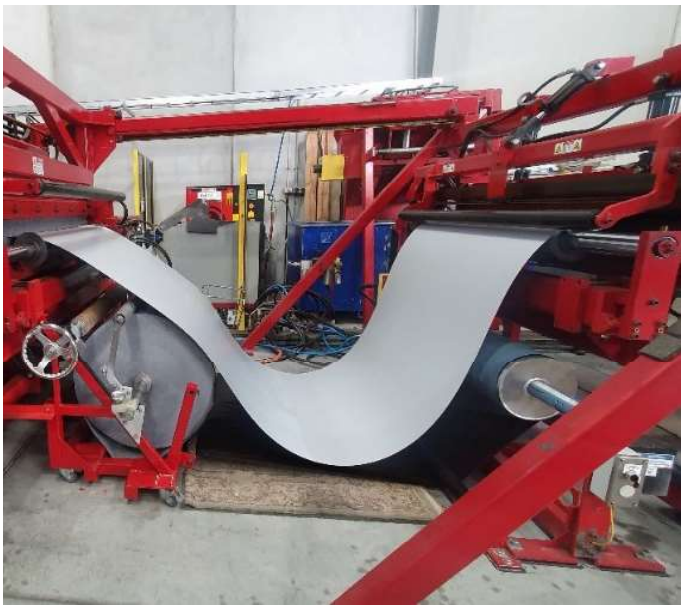
Unfortunately, condensation can still form on the underside of uninsulated metal roof and cladding plus underlays particularly when the Dew Point and Condensation reaches a point whereby moisture droplets form. Once saturation point is reached, water droplets permeate into the building potentially damaging any goods "housed" within it.



Utilising the very latest in technology, Roofing Industries has perfected the lamination of an absorbent self-adhesive fleece to the reverse side of the roofing and cladding profile during the manufacturing process which in turn absorbs and traps the moisture within the fleece cells. Once the dew point is no longer prevalent and the building utilises air circulation, increase in temperature, and in some cases mechanical ventilation; moisture captured by the fleece is released harmlessly back into the atmosphere as normal humidity.

DRI-CLAD®

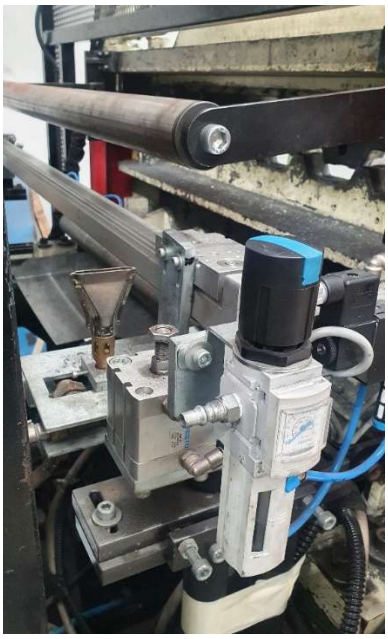
The manufacturing process



Fleece laminating

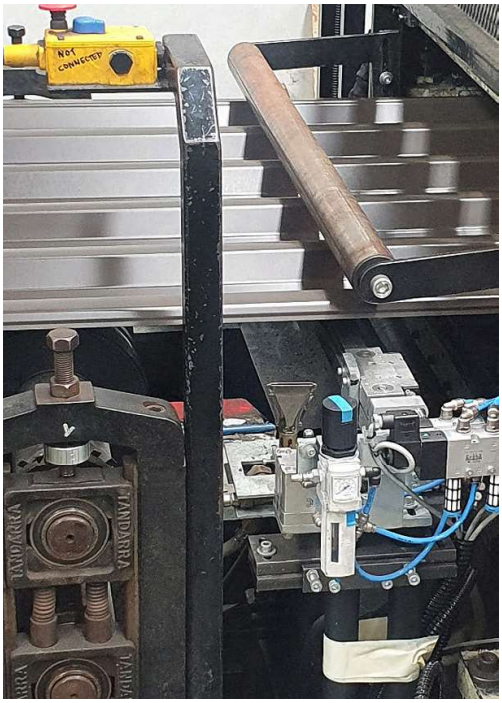
A self-adhesive fleece is applied to the underside of the roofing and cladding coil utilising Roofing Industries' state of the art coil laminating line. The edge of the fleece is positioned just short of the coil edge thereby not hindering the side lap nesting process whilst being installed.

The finished coil is then transferred to one of the many Roofing Industries roll-forming lines, where it's formed into the finished DRI-CLAD® profile to customer's choice.

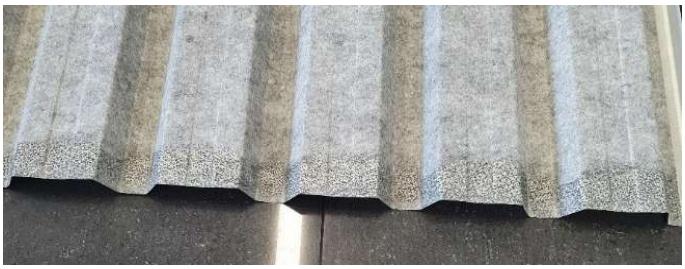


Burn-back process

A suitable drip edge is to be provided at the end of the roofing sheet by melting the fleece back 30-60mm using a heat gun or butane gas burner. This can quite simply be achieved during the installation by the installer prior to the gutter being installed or alternatively, this process can be undertaken during the roll-forming process using proprietary inline burn-back apparatus (pictured) at selected Roofing Industries locations.



Rollforming to Profile



Completed Burn-back profiled sheet

burn-back (30-60mm)

Installed