

FAÇADE
CREATIONS

ISO-Mat Metal
Guide

METAL SOLUTIONS LIMITED

ISO-Mat Metal

CONDENSATION CONTROL & DRAINAGE SYSTEM FOR METAL ROOFING

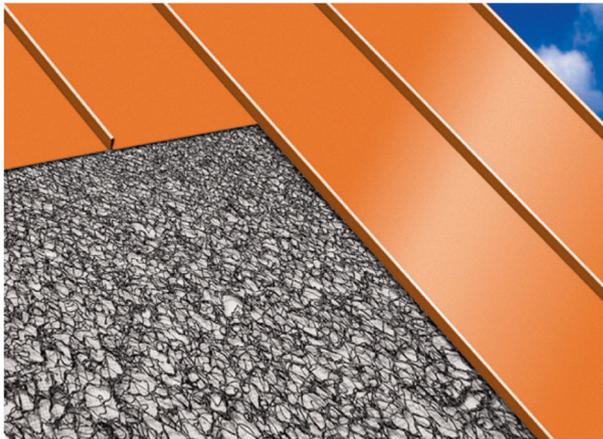
ISO-Mat Metal is a condensation control and drainage system for metal roofing.

It is a fully vapour-permeable, strong, durable and waterproof barrier.

ISO-Mat Metal incorporates a breathable membrane base with an additional layer of spiraled polypropylene mesh melt bonded to it, which has been designed as a moisture and separation layer for all types of standing seam and metal roofs.

The high performance breather membrane base layer helps to release water vapour from the building, whilst the spiral mesh creates a 10mm air gap that allows this moisture to drain off the roof. This air gap also protects the metal roofing, as it prevents contact between moisture and metal.

The spiral mesh allows the metal to expand and contract, and stops the direct transmission of summer heat and winter cold.



Membrane weight, g/m ²	140
Drainage mesh weight, g/m ²	350
Water tightness, class	w1
Water vapour transmission (sd), m	0.02
Maximum tensile force (MD), N/50mm	290
Maximum tensile force (CD), N/50mm	190
Elongation at tensile force (MD), %	80
Elongation at tensile force (CD), %	90
Resistance to tearing MD (nail shank), N	205
Resistance to tearing CD (nail shank), N	285
Acoustic damping value, db	8
Vapour resistance, MN/g ¹	0.15

Application:

ISO-Mat Metal is easy to install and allows the metal roof to be installed in the usual manner.

Simply lay on top of either: rigid insulation, timber, or plywood boarding.

It is clean, safe and lightweight, and is ideal for roof pitches over 3°.

It will also mask irregularities such as board joints that could deform the metal roof covering.

*Warranty valid when installed as per manufacturers fitting instructions.



T: +44 (0) 116 2289 3343 E: info@facadecreations.co.uk W: www.facadecreations.co.uk
Registered in England, Company Number: 16267073