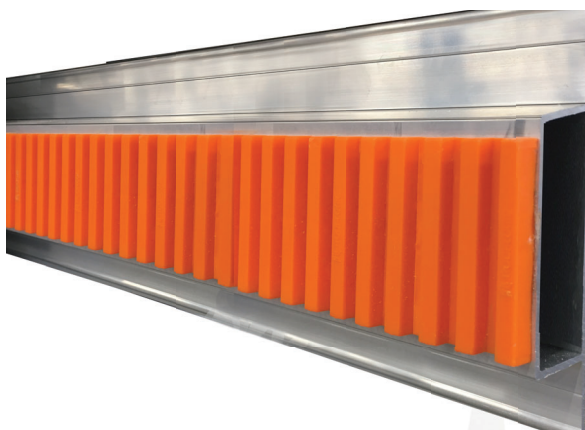


RL RHOM RAIL

Creates a cavity between the insulation layer
and the vertical cladding

A durable aluminium rail for façade performance. Also available as Wingless.



Rhom Rail with VTB strip

DESCRIPTION

The RL Rhom Rail provides structural support for metal cladding systems. It is manufactured from aluminium alloy (6063 T5) and can be anodised for vapour-open façade systems. The batten incorporates a polypropylene VTB strip, which promotes cross-flow ventilation within the cavity while also acting as a thermal break to separate dissimilar materials.

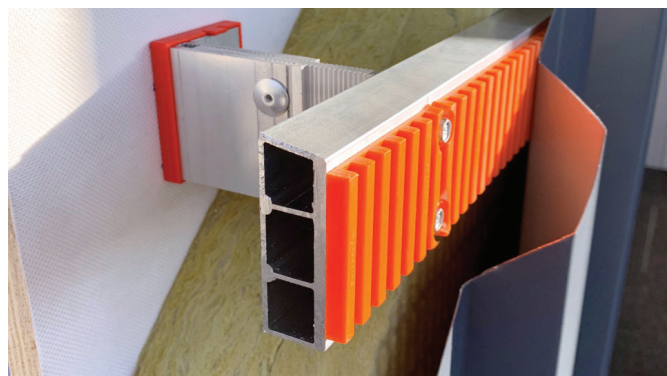
For proper installation, the RL Rhom Rail should be used over insulation with a compression strength of at least 120kPa (at 10% deformation). It is intended for installation over RoofLogic rigid insulation products, such as RL PIR Board and Insulated Panel, which provide the necessary compressive strength for the rail's performance.



Rhom Rail

If the insulation has a lower compressive strength, the Rhom Rail Wingless can be used in combination with the AZ bracket. If the RL Rhom Rail is used with alternative substrates, consult RoofLogic for compatibility and installation guidance. substrates and insulation products.

The RL Rhom Rail is designed as a component within a RoofLogic cladding system, and consultation with RoofLogic is recommended to ensure proper design and integration.



Rhom Rail Wingless on AZ bracket

Technical Data - RL RHOM RAIL		
Width (mm)	98 mm and 60 mm Wingless	
Overall Depth (mm)	26 mm including VTB	
Length (mm)	4800 mm	
Loadings		
(ULS)	Edge	Main Body
Positive	2.0kPa	
Negative	2.5kPa	1.3kPa
Spacings		
	Edge of Building	Main Body of Building
Between rails	1200 mm max	1200 mm max
Between fixings	300 mm max	600 mm max

Fixings:	
Steel 1.6BMTT, G450, Z275 Base Material	Konnect Steeltite hex head with bonded washer. Grade 304 stainless steel ST14-1490G304HSDWS
Timber F5 Radiata Pine-Embedment 36 mm	Konnect Steeltite hex head with seal. Grade 316 Stainless Steel TT14-10x100G316T17N or Class 5
AZ Bracket	Bremick 2 x 12g x 50 long driller hex washer head
Cladding Weight: Lightweight cladding <30kg/m ²	

Technical Data - VTB Strip	
Material	Flame retardant type Polypropylene
Ventilation	2500 mm ² /m
Flammability	Meets Class V-0 of UL94

