

VulcaLap® Aluminium Rainscreen System

Technical Specification

GENERAL DESCRIPTION

VulcaLap® aluminium rainscreen made from extruded aluminium 6063T6, anodised or powder coated to any matt RAL colour or Wood finishes.

Purpose-designed starter or vented cill, corner sections and trims and fixing clips must be used. 150mm or 125mm plank coverage, in T&G or Shiplap profile, supplied in standard 3, 4 or 5m length, special order up to 6.2m. All plank cuts to be hidden by trims; staggered/ random jointing. Refer to Vulcan drawings and installation details.

FINISHING SURFACE

Standard surfaces include:

- WOOD finishes
- RAL colours
- Weathered Steel
- Anodised (Silver/Bronze/Black/Light Grey)

WEIGHT OF A PLANK

PROFILE	WEIGHT * [kg/m ²]	THICKNESS [mm]
Shiplap	7.2	14
T&G150	7.2	14
T&G125	7.5	14

*Excludes VUL25-ZED 30 x 25 x 40mm Zed support – if this is included, add another 0.95 kg/m² (when spaced at 0.6m c/c)

FIRE RESISTANCE

Polyester powder-coating including WOOD finishes, RAL colours and Weathered Steel are classified EN 13501-1 - A2-s1, d0 - material of limited combustibility.

Anodised finishes do not require fire testing, classified EN 13501-1, A1-s1,d0 – non-combustible material.

THERMAL CO-EFFICIENT OF EXPANSION

The VulcaLap system is likely to expand by 1mm per 1m of plank, ie. 4m planks leave 4mm gap between joins. To allow for this movement, refer to VulcaLap brochure (see [downloads](#)) note 14 on page 18 and note 15 a) on page 19.

SIZE & THICKNESS

Aluminium extrusions are typically 2mm thick throughout the system. VulcaLap system is stocked in mill finish and coated to order.

LOGISTICS

Deliveries are made by handload or on a steel or timber stillage. Site operatives should offload by hand or using a site forklift and place into secure storage. Option for Hiab offload is available. Please contact the office for lead times.