

Rainscreen Cladding

Interlocking Plank System



eltherington
architectural solutions



Specification guide

www.eltherington.co.uk

IPS - Interlocking Plank System

About Eltherington Architectural Solutions

Eltherington architectural has been manufacturing façade systems for over 50 years.

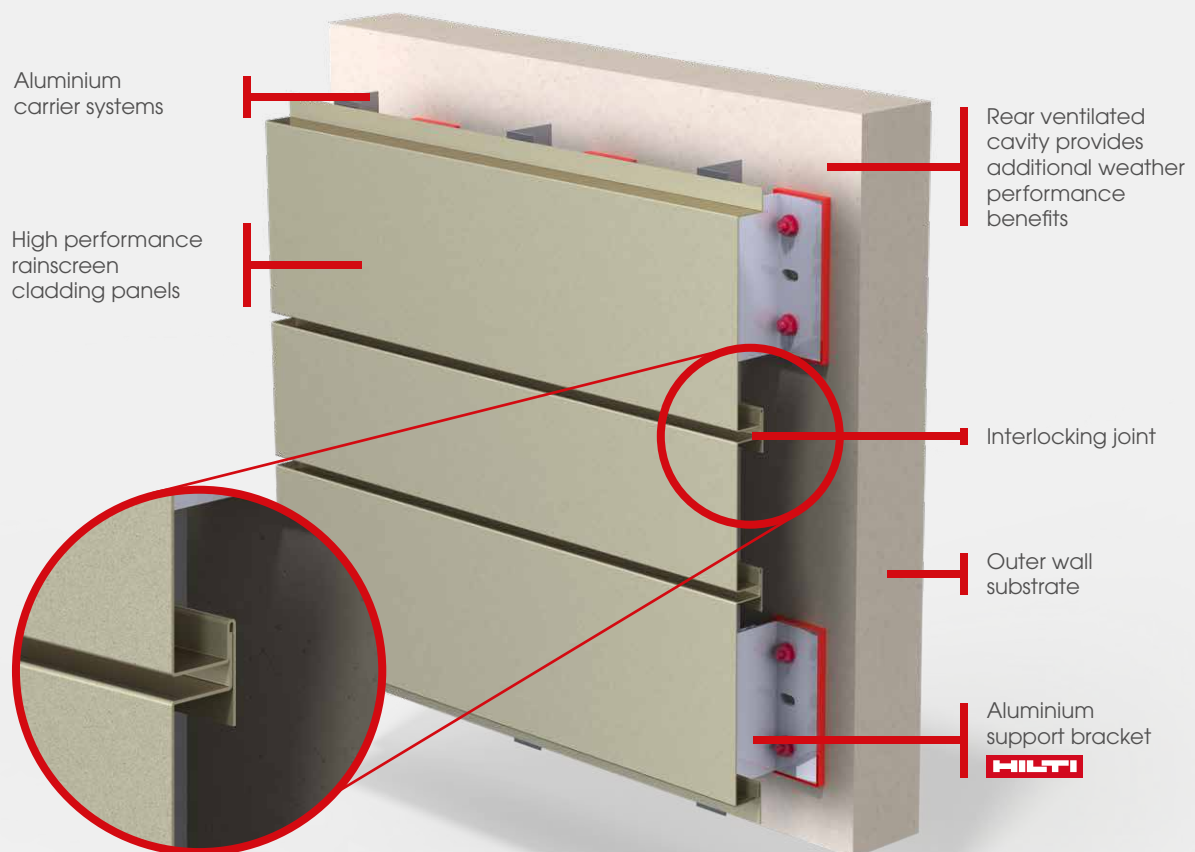
All our rainscreen systems have been independently tested and accredited to the specific requirements of CWCT and come in an unrivalled choice of materials, colours and finishes to help you bring your design to life.

Our state of the art production facility allows us to take on board specialist architectural metal work projects of any scale. We fabricate a wide range of external architectural systems including rainscreen cladding, roofline products, column casings, perforated panels and any bespoke fabrication.

Specification

- Material - Aluminium, Steel
- Finish - PPC, Pre-paint, Corten, Rimex
- Thickness - 1 / 1.2 / 1.5mm / 2mm
- Face Height - 150 to 350mm
- Face length - 6400mm max
- Horizontal joint - 10 - 20mm
- Vertical joint - Open, closed return or butt strap
- Fixings - Self drill mechanical fix
- Rail centres - 750mm
- Install method - Top > down
- CWCT tested horizontal & vertical fix

Typical Installation



The Eltherington IPS is a pressed metal plank that is secretly fixed within the interlocking male and female joint. Available in a range of materials, finishes, face heights and lengths, this system can be fixed horizontally or vertically when installed on to our Hilti-Eurofox subframe.

The IPS is a top-down system which means the install starts at the top of the elevation, interlocking the top of one plank into the bottom of another.



Haggerston London

- 2mm aluminium
- Hilti subframe
- PPC finish
- 1500m²
- Architect - PRP Architects



Rainscreen Fire Ratings

Definition	Product Name	Material	Manufacturer
A1 NON-COMBUSTIBLE	CoreClad A1	Aluminium	Eltherington
	Anodised	Aluminium	Eltherington
	Rimex various	Steel	Rimex
	Corten	Steel	Corten
A2	PPC	Aluminium	Eltherington
	Vitrabond A2	ACM	Valcan
	Alucobond A2	ACM	Alucobond
	Reynobond A2	ACM	Arconic
B	VIVIX FR	High pressure laminate	Formica
D	VIVIX std	High pressure laminate	Formica

British Standard (BS)	Euro Class Transferal
Non-combustible	A1
Limited Combustibility	A2-s3,d2,or better
Class 0	B-s3,d2,or better
Class 1	C-s3,d2,or better
Class 3	D-s3,d2,or better

Table of the leading cladding brands and their fire classification result ranging from A1 to D in accordance with European Standards EN-13501-1.

The Complete Rainscreen Solution by **HILTI** - Eltherington

Design →	Measure →	Brackets →	Fixing brackets →	Mounting insulation →	Firestop →	Profiles & alignment →	Rainscreen cladding →

Other CWCT tested rainscreen cladding systems and designs:

- | | |
|--------------------------------------|----------------------------------|
| TFS1 Through Fix System | EPS Extruded Plank System |
| SFS1 Secret Fix System | CS Castellation System |
| CPS Clip Plank System | P1 Perforated |
| IPS Interlocking Plank System | 3D 3D Domed |



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