

# Case Study

## Rainscreen Cladding & Roofline Secret Fix System - SFS1



**eltherington**  
architectural solutions



### Project

West Hampstead Station

### Architect

Buckingham Group Ltd

### Project Value

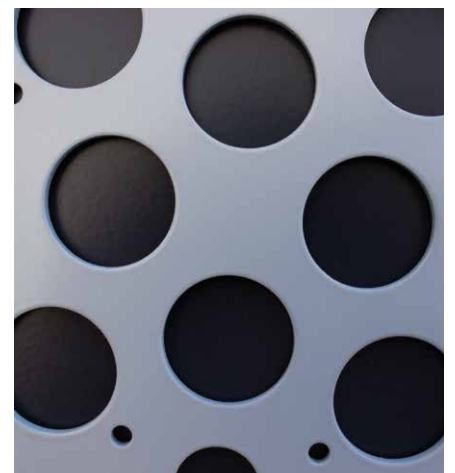
£75,000

### Material & Finish

3mm Aluminium, PPC

### Solution

Secret fix system (SFS1)  
perforated, Hilti Eurofox  
subframe and Roofline






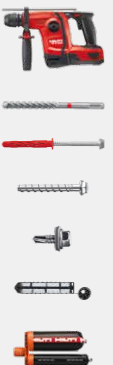

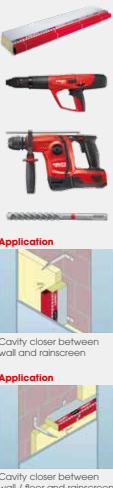


# Rainscreen Fire Ratings

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

British Standard (BS)	Euro Class Transferral
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:

- |                                      |                                  |
|--------------------------------------|----------------------------------|
| <b>TFS1</b> Through Fix System       | <b>EPS</b> Extruded Plank System |
| <b>SFS1</b> Secret Fix System        | <b>CS</b> Castellation System    |
| <b>CPS</b> Clip Plank System         | <b>P1</b> Perforated             |
| <b>IPS</b> Interlocking Plank System | <b>E1</b> Embossed               |



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