

PLANT 28
PRODUCTION
AREA

Elevation 1

External Cladding Designation

Cladding Reference	Ext-001	Drawing key	Thickness	Fire Rating	Acoustic Rating (SRI)
151mm	60min integrity and 30min insulation	Weighted sound reduction of Rw- 25dB			
Durability	System Ref.	Type	Max. Span		
Ext.	Kingspan K31000 RW	Trapezoidal profile through fix insulated wall panel	Refer to structural steelwork dwgs.		
Finish	External and internal bonded steel sheet to have factory applied Spectrum finish to outer layer and Clearapole 15 to the inner layer				
Build-up	Panels secured to cold formed cladding rails in accordance with manufacturers fire tested certification				
Req'ts	Vertically spanning 1000mm cover width fixed to head protected member. Panel classified B-s1,d0 in accord. with BS EN 13501-1: 2018. External cladding system to achieve U-Value 0.15 W/m2 K. Colour - Goosewing Grey				

Roof Cladding Designation

Cladding Reference	Ext-002	Drawing key	Thickness	Fire Rating	Acoustic Rating (SRI)
181mm	N/a	Weighted sound reduction of Rw- 25dB			
Durability	System Ref.	Type	Max. Span		
Ext.	Kingspan K31000 RW	Trapezoidal profile through fix insulated wall panel	Contractors choice		
Finish	External and internal bonded steel sheet to have factory applied Spectrum finish to outer layer and Clearapole 15 to the inner layer				
Build-up	Roof panels secured to cold formed roof putins in accordance with manufacturers fire tested certification				
Req'ts	U-value = 0.12 W/m2K from 181mm thick o/a panel. Panel classified B-s1,d0 in accord. with BS EN 13501-1: 2018. Colour - Goosewing Grey				

Building U-Values

Location	UK Min. Building Regs.	Client Target U-values
External Wall	0.26 W/m2 K	0.15 W/m2 K
External Glazing	1.6 W/m2 K	1.2 W/m2 K
Roof	0.18 W/m2 K	0.12 W/m2 K
Ground Floor	0.18 W/m2 K	0.12 W/m2 K
Intermediate Floors	1.8 W/m2 K	N/a
Internal Partitions	1.8 W/m2 K	N/a

NOTE:-

The building sub-structure is shown indicatively on these drawings. For details of the foundations and ground floor slab construction refer to the Wood Civil drawing package

HOLDS:-

- Final EC&I equipment layouts
- Final building services layouts

G1	17-APR-26	ISSUED FOR COMMENT	KJD	-	DM	DM
REV	DATE	DESCRIPTION	DRAWN BY	DRG CHECK	ENG CHECK	ENG APPD
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PROJ. TITLE 28 PLANT UPGRADE						
PROJ. No. 721830						
DRG. TITLE CONTROL BUILDING ELEVATIONS SHEET 1						
DRAWN BY KJD		CLIENT DRAWING No. 6008650-WD-03-28-DR-A-2009				CLIENT REV. PO1
SCALE 1.50		WOOD DRAWING No. 721830-ARC-DRG-2009				WOOD REV. G1

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