Glass Sample					Record Sheet
Date Accepted:	10.09.2019	Project:	Kings Cross P2	Location: (level, grid ref)	Façade
Drawing Reference:	KXC-P2-001-Y-LFL-21-S KXC-P2-001-Y-FMDC-2			Specification Reference:	21.2.1 21.2.2

2018/2628/P - P2 Kings Cross Sample Approval Sheet P01

Double Glazed Units within unitised façade to upper floors - levels 1- 9 mezzanine



Façade Glass

Description:

6.22 Annealed Low Iron/ 16 / 55.2 Annealed Low Iron Double Glazed

Location:

Façade

FMDC Specification Reference: KXC-FMDC-P2- Stage 3 Specification_ISSUE 1

Please see Specification Attached to this document and specific product referenced below.

External Wall Systems	Thermal Transmittance (W/m ² K)
EWS 200 (double glazed)	1.45
Type Visible Light Transn	nittance (LT)* Total Solar Energy Transmittance (g-value)

Type 200 Maximise (No less than 55%) ≤ 0.33





Lindner Sample Sheet	
$\frac{\text{Transmittance, reflectance, absorption}}{\mathbf{P}_{V}} = 0.10 \text{ (external light reflectance)}$	T _{UV} = 0,00 (ultraviolet transmittance)
$\mathbf{p}'_{V} = 0,12$ (internal light reflectance)	$\mathbf{T}_{\mathbf{V}} = 0,61 \text{ (light transmittance)}$
v	•
$\mathbf{\rho}_{e} = 0.31$ (external solar direct reflectance)	T _e = 0,31 (solar direct transmittance)
$\mathbf{\rho}_{e}^{\prime} = 0,35$ (internal solar direct reflectance)	$R_a = 93$ (general colour rendering index)
\mathbf{a}_{e} 1 = 0,38; 3 = 0,01 (solar direct absorptance	
EN 410 SC = 0,38 (Shading Coefficient, g/0,87)	q i = 0,02 (secondary internal heat transfer factor)
b-Factor = 0,41 (VDI 2078, g/0,80)	g = 0,33 (total solar energy transmittance (solar factor))
<u>EN 673</u> Installation angle = 90° vertical	Ug = 1,0 W/m ² K (heat flow coefficient)
<u>EN ISO 52022-3</u> T _e = 5,00 °C T _i = 20,00 °C	$E_{S} = 300,00 \text{ W/m}^2$ System height = 1,50 m
$g_{th} = 0,014$ (thermal radiation factor)	$h_{c,e} = 18,00 \text{ W/m}^2\text{K}$ $h_{c,i} = 3,60 \text{ W/m}^2\text{K}$
$g_{c} = 0,010$ (convection factor)	q i = 0,025 (secondary internal heat transfer factor)
$g_{V} = 0,000$ (ventilation factor)	g = 0,33 (total solar energy transmittance (solar factor))
Lindner Report Reference:	
KXC-P2-001-Y-LFL-21-SA-0001	
FDMC Specification Reference:	
KXC-P2-001-Y-FMDC-21-904	



Male Mullion					Record Sheet
Date Accepted:		Project:	P2 Kings Cross	Location: (level, grid ref)	Façade – Aluminium Spandrel
Drawing Reference:	KXC-P2-001-Y-LFL-2	1-2832		Specification Reference:	21.3.2 13.3.1 - Lindner
Male Mullion Description: Male Mullion Finish: FI22 – PPC RAL 500 30% gloss external use; Qua		use; Qualicoa	t 1 / FI22 – PPC RAL 5004		
Location Façade – Aluminimum Span Lindner Specification Refe		awing.			
Please see Specification Att	ached to this documer	nt and specific	product referenced below.	V	
2018/2628/P - P2 Kings Sample Approval S	Cross				KIER

Aluminum PPC extrusions - Male Mullion



Top Transom						Record Sheet
Date Accepted:		Project:	P2 Kings Cro	DSS	Location: (level, grid ref)	Façade - Loggia Through Beams
Drawing Reference:	KXC-P2-001-Y-LFL	-21-2253			Specification Reference:	21.3.2 13.3.1 - Lindner
Top Transom Description: Top Transom Finish: FI22 – PPC RAL 5004 30% gloss external use; Qua Location Façade - Loggia Through Bea Lindner Specification Refer	licoat 2) ams. Refer to Drawin r ence: 13.3.1	g.				
Please see Specification Atta	ached to this docume	nt and specific	product refere	nced below.		
Lindner Report Reference: 2018/2628/P - P2 King	s Cross					
Sample Approval						KIER

Sample Approval Sheet P02 /b

Aluminum PPC extrusions - Top Transom

Aluminum PPC extrusions - Intermediate Transom

Date Accepted:		Project:	P2 Kings Cross	Location: (level, grid ref)	Top of Windows (Internal)
Drawing Reference:	KXC-P2-001-Y-LFL-2			Specification Reference:	21.3.2
					13.3.1 - Lindner
				-	
Intermediate Trans	om (top)				
Description:					A COLORED BUILD
Intermediate Transom (to	p)				
Finish: FI22 – PPC RAL 5 30% gloss (external use;		use; Qualicoa	at 1 / FI22 – PPc RAL 5004	5	and a state
				H. A	Russ
Location					
Location Top of Windows (Internal)				
Top of Windows (Internal	eference: 13.3.1	nt and specific	c product referenced below.		

KIER

Bottom Transom						Record Sheet
Date Accepted:		Project:	P2 Kings Cro	SS	Location: (level, grid ref)	Façade - Loggia Through Beams
Drawing Reference:	KXC-P2-001-Y-LFL-2	21-2253			Specification Reference:	21.3.2 13.3.1 - Lindner
Bottom Transom						ALL
Description:						
Profile Sample – Bottom Trar	nsom					Allena
Finish: PPC RAL 5004 30% g gloss (external use; Qualicoa		ualicoat 1 / FI22	2 – PPC RAL 5	004 30%		
Location						en e
Façade - Loggia Through Bea	ams. Refer to drawin	g.				
Lindner Specification Refer	ence: 13.3.1					
Please see Specification Atta	ched to this docume	nt and specific	product referer	nced below.		
Lindner Report Reference:						

2018/2628/P - P2 Kings Cross Sample Approval Sheet P02 /d

Aluminum PPC extrusions - BottomTransom



reature rionie (i	icture Frame)	cture Frame)			Record She
Date Accepted:		Project:	P2 Kings Cross	Location: (level, grid ref)	Façade – Capping on perimeter of windows and louvres
Drawing Reference:	KXC-P2-001-Y-L	FL-21-2815		Specification Reference:	21.3.2
	KXC-P2-001-Y-L	.FL-21-411			13.3.1 - Lindner
Feature Profile (P	icture Frame)			2m	
Description:					
Feature Profile (Picture	Frame)				
Finish: FI22 – PPC RAL	.5004 30% gloss (exte	ernal use; Qualico	pat 2)		
Location					
Façade – Capping on p	erimeter of windows &	louvers. Refer to	drawings.		
, .					
Lindner Specification	Reference: 13.3.1				

2018/2628/P - P2 Kings Cross Sample Approval Sheet P02 /e



Aluminum PPC extrusions - Picture Frame

Glazing Bead						Record Sheet
Date Accepted:		Project:	P2 Kings Cro	SS	Location: (level, grid ref)	Capping between windows from Male & Female mullions
Drawing Reference:	KXC-P2-001-Y-LFL-2	21-2811			Specification Reference:	21.3.2
					_	13.3.1 - Lindner
					-	
					-	
Glazing Bead					·	
Description:						
Glazing Bead						
Finish: FI22 – PPC RAL 5004	1 30% gloss (exernal	use; Qualicoat	: 2)			
Location					Lindner Paut have frag token for Berugene for for the factor and the	
Capping between windows fro	om Male & Female n	nullions. Refer	to drawing.		Darisot 21 Bart Salament, 2010/2019	
Lindner Specification Refer						
Please see Specification Atta	ched to this docume	nt and specific	product referen	ced below.		
Lindner Report Reference:						
2018/2628/P - P2 Kings Sample Approval						KIER

Sample Approval Sheet P02 /f

Aluminum PPC extrusions - Glazing Bead

Terracotta Tile Sar	nple		Record Sheet
Date Accepted:	Project: P2 Kings Cross	Location: (level, grid ref)	Façade Levels 1-9
Drawing Reference:	KXC-FMDC-P2- Stage 3 Specification_ISSUE 1	Specification Reference:	21.1.0
	KXC-P2-001-Y-LFL-21-SA-0004		
	KXC-P2-001-Y-LFL-21-TS017		
	See All Additional Drawings Attached to Sign Off Form		
Terracotta Tile Sar Description: Façade terracotta spandr			
Location: Façade of building Levels	s 1-9	European Control of Control (Control of Control	
FMDC Specification Ref	erence: 20.1.1		
Please see Specification below.	Attached to this document and specific product referenced		

2018/2628/P - P2 Kings Cross Sample Approval Sheet P03 Terracotta Tile



20	Terracotta
20.1	Material
20.1.1	General
	ta shall be a frost resistant material suitable for exterior application with a uniform texture free ds or inclusions.
20.1.2	Product standard
Terraco	ta shall be CE marked in accordance BS EN 14411.
20.1.3	Properties
Terraco	ta shall have the following properties in accordance with BS EN 771-1 and BS EN ISO 10545:
a)	BS EN 771-1: S2 (low).
b)	BS EN ISO 10545-2. Refer to 19.5.3.
c)	BS EN ISO 10545-3: Water absorption: < 10%*.
d)	BS EN ISO 10545-4: >9N/mm ^{2*} .
e)	BS EN ISO 10545-8: nominally 7-7.5x10 ⁶ /1K.
f)	BS EN ISO 10545-9: No damage.
g)	BS EN ISO 10545-10: <0.06%.
h)	BS EN ISO 10545-11: No crazing visible from 1m.
i)	BS EN ISO 10545-12: No damage.
j)	BS EN ISO 10545-15: Declare values.
k)	BS EN ISO 10545-16: Δ Ecmc < 0.75 unless colour difference is agreed through the submission of colour control samples in accordance with clause 19.3.
	ne values typically expected of terracotta suitable for use in external wall cladding. The of the material shall be sufficient to meet the Sub-Contractor's design.
20.2	Finish
20.2.1	General
The Sut	-Contract Works incorporates glazed terracotta to all visible faces.
20.2.2	Glazed terracotta
20.2.2.1	General
 A bespo	ke glaze colour shall be used on all Elevations.



FMDC Report Reference:

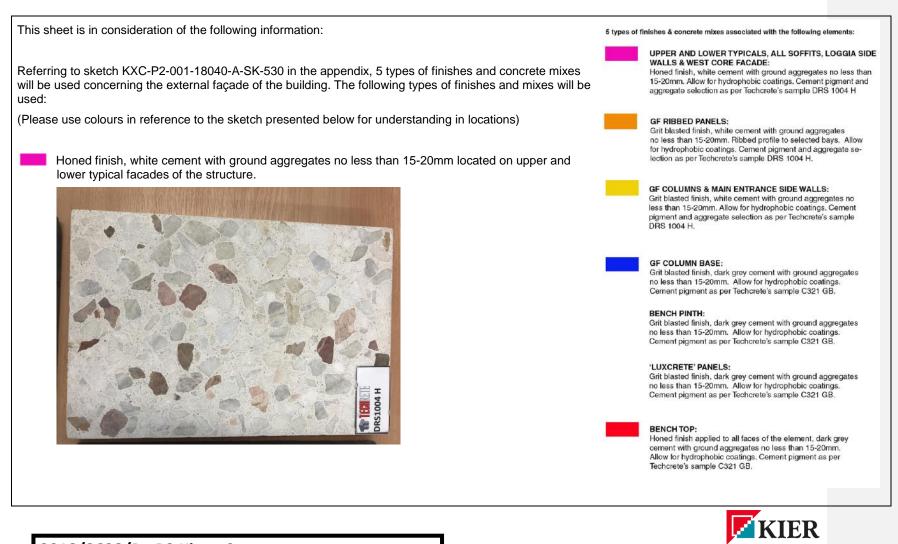
KXC-FMDC-P2- Stage 3 Specification_ISSUE 1

Lindner Report Reference:

KXC-P2-001-Y-LFL-21-SA-0004

KXC-P2-001-Y-LFL-21-TS017





2018/2628/P - P2 Kings Cross Sample Approval Sheet P04/a

Honed Finish white cement

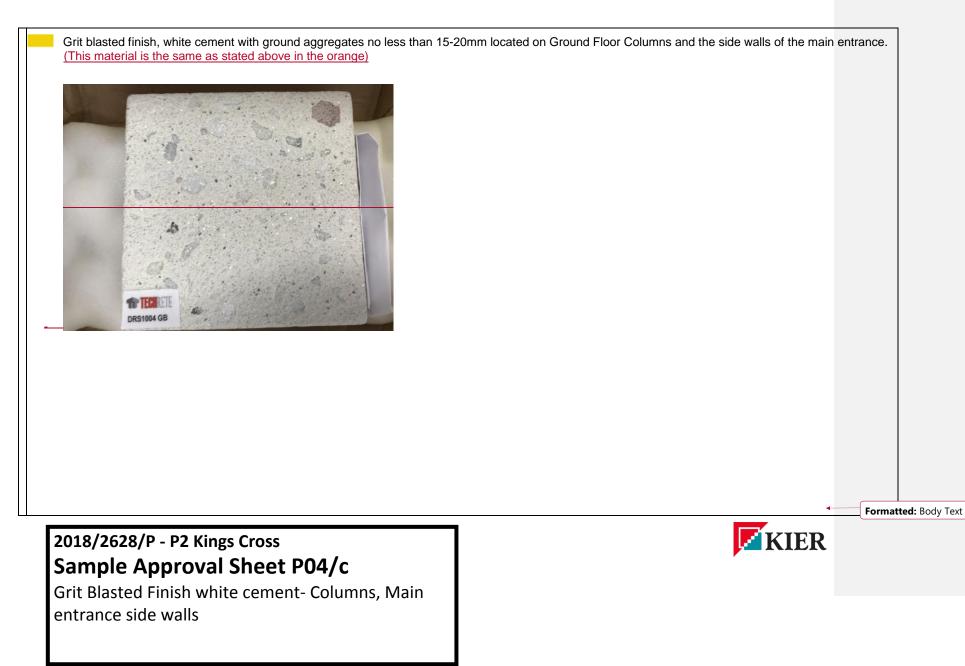
Grit blasted finish, white cement with ground aggregates no less than 15-20mm located on Ground Floor ribbed panels on Eastern Elevation main entrance.



2018/2628/P - P2 Kings Cross Sample Approval Sheet P04/b

Grit Blasted Finish white cement- Ribbed panels



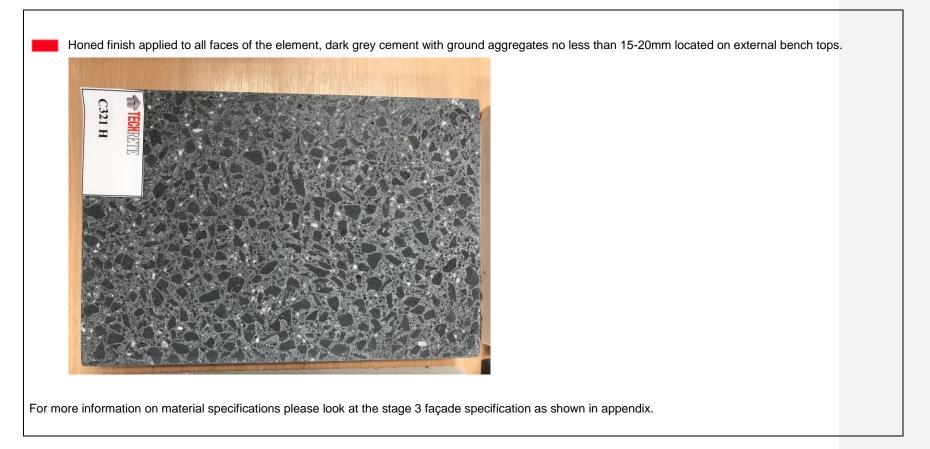




2018/2628/P - P2 Kings Cross Sample Approval Sheet P04/d

Grit blasted finish dark grey cement - Ground Floor Column bases & Bench plinths





2018/2628/P - P2 Kings Cross Sample Approval Sheet P04/e

Honed finish dark grey cement - Ground Floor bench top

