

		Sample/Benchmark Approval		Form: 300-43 Rev: 1
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Project:	CDY	Project No:	HLN.0262
Submitted by:	BAM	Date:	19-07-16
Submitted to:	Argent, HS, G+T, BAMD	Ref No:	010A

Type: Sample: ☒ Benchmark: ☐ Mock-up: ☐

Description: Dark Blue Grey Slate produced by Cwt-y-Bugail Slate quarry in North Wales – County 7mm nominal thickness. Supersedes Sample Sheet 010

Location for Inspection: KX Sample Store	Storage Location after Inspection: <i>(must be suitable)</i> KX Sample Store
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To be Built into the Works? ☒ no If YES Location:

Applicable Certification(s) (e.g. BS, BBA cert etc)

Purpose:
 Approval

Project Team Comments:

Approval Status A ☐ B ☐ C ☐

Re-submittal Date Required

Legend: A – Approved; B – Approved with Comments; C – Rejected

Sample Approved By:

Signed: _____

Name: _____ of _____

Date: _____



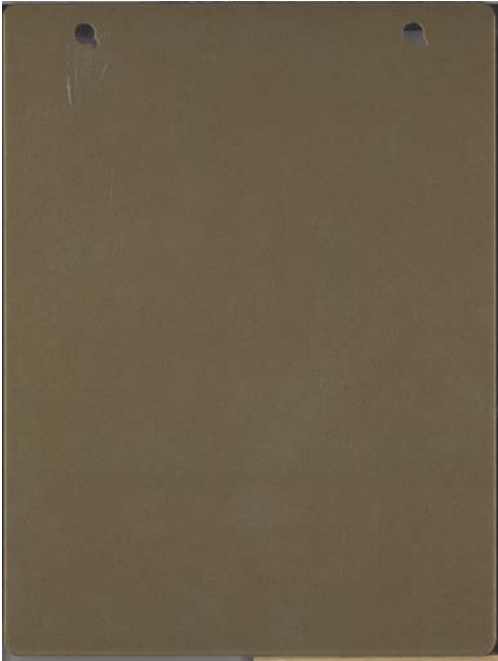

Sample/Benchmark Approval

Form: 300-43
Rev: 1

Signed: _____ Name: _____ of _____ Date: _____

Signed: _____ Name: _____ of _____ Date: _____

Distribution Client ☒ Arch ☒ Other (specify) G+T CMT

Project:	CDY	Project No:	HLN.0262
Submitted by:	BAM	Date:	02/08/17
Submitted to:	Camden Planning	Ref No:	013A
Type:	Sample: <input checked="" type="checkbox"/>	Benchmark: <input type="checkbox"/>	Mock-up: <input type="checkbox"/>
<p>Description; PPC aluminium copper tone standing seam cladding panels</p> <p>Location; Roof cheeks, refer to drawings</p> <p>IGP-HWF classic 5903</p> <p>- 5903E81872F3F, (1513898)</p> <p>- Medium Bronze</p> <p>- Glattverlaufend, Perlglimmer, Matt, Clean Effekt, 15 Min/1800C</p>			
			
			
Location for Inspection:		Storage Location after Inspection: <i>(must be suitable)</i>	
BAM Canal Reach offices		BAM Canal Reach offices	
To be Built into the Works?	<input type="checkbox"/> no	If YES Location:	<input type="text"/>
Applicable Certification(s) (e.g. BS, BBA cert etc)			



Sample/Benchmark Approval

Form: 300-43
Rev: 1

Purpose:
Approval

Project Team Comments:

Approval Status

A

☐

B

☐

C

☐

Re-submittal Date Required

Not Required

Legend: A – Approved; B – Approved with Comments; C – Rejected

Sample Approved By:

Signed: _____ Name: _____ of _____ Date: _____

Signed: _____ Name: _____ of _____ Date: _____

Signed: _____ Name: _____ of _____ Date: _____

Distribution

Client

☒

Arch

☒

Other (specify)


G+T CMT

	Sample/Benchmark Approval	Form:	300-43
		Rev:	1

Project:	CDY	Project No:	HLN.0262
Submitted by:	BAM	Date:	02-08-16
Submitted to:	Argent, HS, G+T, BAMD	Ref No:	019

Type: Sample: ☒ Benchmark: ☐ Mock-up: ☐

Rooflight Double Glazing sample available to view;
 Outside: 10mm ipasol neutral 62/29, low iron
 Cavity; 16mm aluminium-spacer black, air
 Inside; 88.4 laminated glass, PVB, low iron
 Data sheet attached



Location for Inspection: BAM Site sample store	Storage Location after Inspection: <i>(must be suitable)</i> BAM Site sample store
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To be Built into the Works? ☐ no If YES Location:

Applicable Certification(s) *(e.g. BS, BBA cert etc)*

Purpose:



Sample/Benchmark Approval

Form: 300-43
Rev: 1

Approval

Project Team Comments:

Approval Status

A

☐

B

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C

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Re-submittal Date Required

Not Required

Legend: A – Approved; B – Approved with Comments; C – Rejected

Sample Approved By:

Signed: _____ Name: _____ of _____ Date: _____

Signed: _____ Name: _____ of _____ Date: _____

Signed: _____ Name: _____ of _____ Date: _____

Distribution

Client

☒

Arch

☒

Other (specify)

G+T CMT

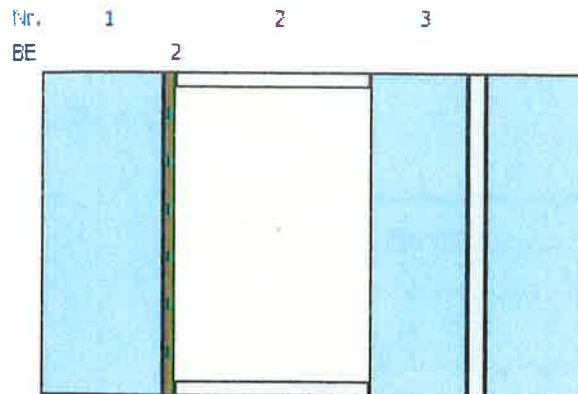
Calculation SommerGlobal 2187266 - 1

Project: 2016_07_15

Position: 01

Layer assembly (external to internal)

No.	CL	Name	mm
1		ipawhite	10,00
2	2	ipasol ultraselect 62/29 ($\epsilon n=1\%$)	
3		Air	16,00
4		ipawhite	8,00
5		PVB-Foil	1,52
6		ipawhite	8,00
			43,52



Rw (C;Ctr) dB = npd

Transmittance, reflectance, absorption

$P_v = 0,10$ (external light reflectance)

$P'_v = 0,11$ (internal light reflectance)

$P_e = 0,44$ (external solar direct reflectance)

$P'_e = 0,34$ (internal solar direct reflectance)

$\alpha_e 1 = 0,28; 3 = 0,01$ (solar direct absorptance)

EN 410

SC = 0,34 (Shading Coefficient, g/0,87)

b-Factor = 0,37 (VDI 2078, g/0,80)

EN 673 Installation angle = 90° vertical

EN 13363-2 $T_e = 5,00\text{ °C}$ $T_i = 20,00\text{ °C}$ $E_s = 300,0\text{ W/m}^2$ Height of installation = 1,50 m

$g_{th} = 0,017$ (thermal radiation factor)

$g_c = 0,013$ (convection factor)

$g_v = 0,000$ (ventilation factor)

$T_{UV} = 0,00$ (ultraviolet transmittance)

$T_v = 0,62$ (light transmittance)

$T_e = 0,27$ (solar direct transmittance)

$R_a = 90$ (general colour rendering index)

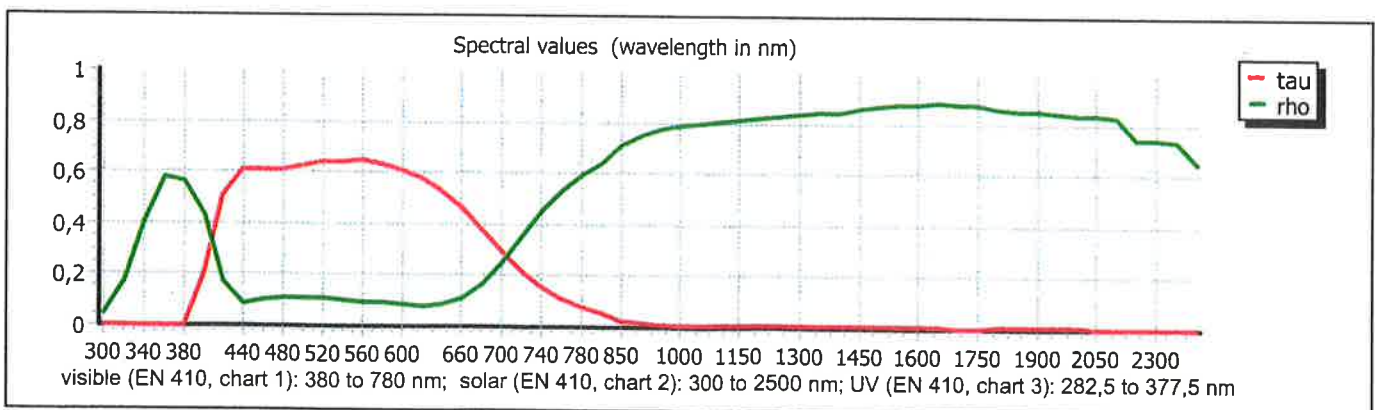
$q_i = 0,02$ (secondary internal heat transfer factor)

$g = 0,30$ (total solar energy transmittance (solar factor))

$U_g = 1,3\text{ W/m}^2\text{K}$ (heat flow coefficient)

$q_i = 0,030$ (secondary internal heat transfer factor)

$g = 0,30$ (total solar energy transmittance (solar factor))



Variations of the light and radiation characteristics are possible caused by the chemical composition of glass and the production process. The specified values consider accredited tolerances of the finished product, the basic glass and the coating in accordance to the respective product standards.

Calculation basis: EN 410, EN 673, EN 13363-2. The result is no information about the technical feasibility.

Certified by ift, validation report No. 410 42167

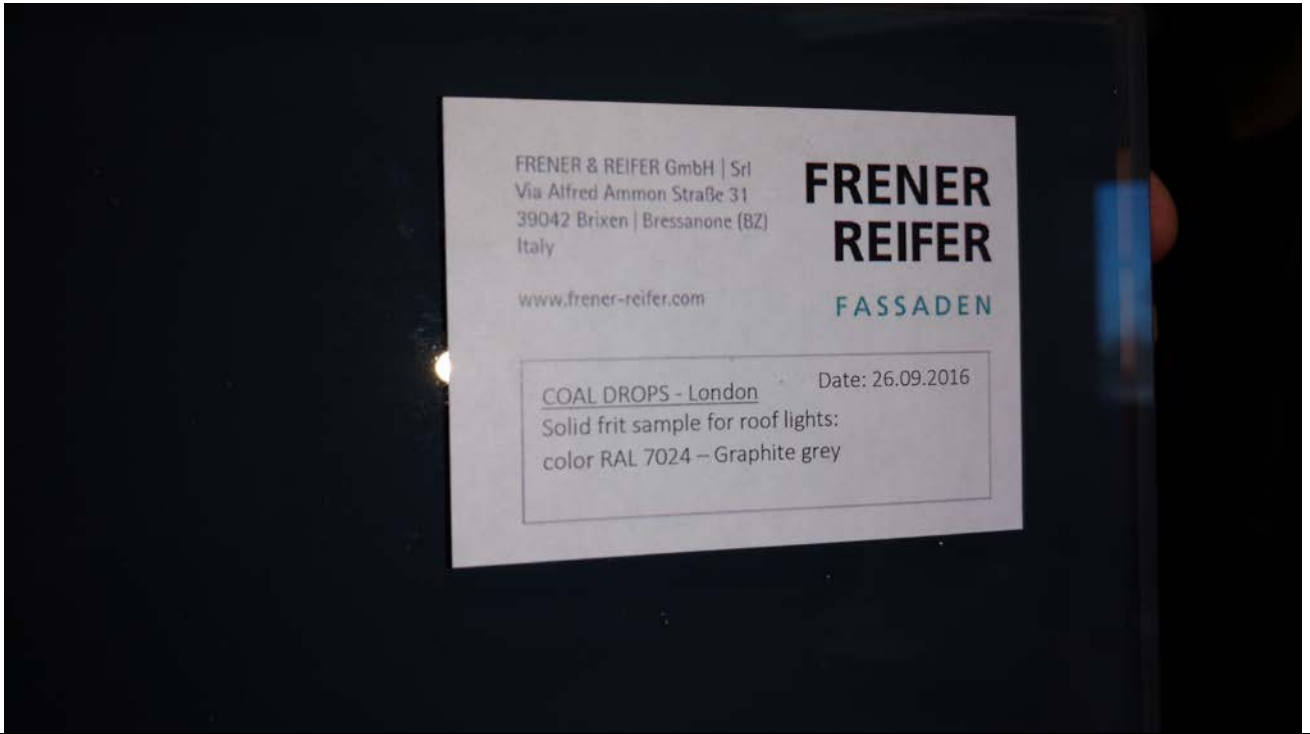
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SommerGlobal 6.3200

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ADMIN 15.07.2016 - 08:58:58

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Project:	Kings Cross CDY	Project No:	HLN.0262
Submitted by:	BAM	Date:	19/10/2016
Submitted to:	Argent / HS / BAMD	Ref No:	040
Type:	Sample: <input checked="" type="checkbox"/>	Benchmark: <input type="checkbox"/>	Mock-up: <input type="checkbox"/>
Description: Roof light 100% frit RAL 7024			
			
Location for Inspection: Heatherwick Studio		Storage Location after Inspection: <i>(must be suitable)</i> F+C office	
To be Built into the Works?	<input type="checkbox"/> no	If YES Location:	<input type="text"/>
Applicable Certification(s) (e.g. BS, BBA cert etc)			
Purpose: Approval			
We request approval of the above and confirm that it has been completed in accordance with all relevant drawings and specifications.			
Signed:	<u>Michelle Jarvis</u>	Name:	<u>Michelle Jarvis</u>
		Date:	<u>19/10/2016</u>
Project Team Comments:			

Approval Status A ☐ B ☐ C ☐ Re-submittal Date Required

Legend: A – Approved; B – Approved with Comments; C – Rejected

Sample Approved By:

Signed: _____ Name: _____ of _____ Date: _____

Signed: _____ Name: _____ of _____ Date: _____

Signed: _____ Name: _____ of _____ Date: _____

Distribution Client ☐ Arch ☐ Other (specify)

Photographs and relevant documentation should include the Ref no. and either be incorporated with, or attached to, this document.

Project:	CDY	Project No:	HLN.0262
Submitted by:	BAM	Date:	02/08/17
Submitted to:	Camden Planning	Ref No:	096A

Type: Sample: ☒ Benchmark: ☐ Mock-up: ☐

Description: Latchways Walksafe plank system
Colour; Silver
Location Roof Cheeks, refer to drawings;



Location for Inspection: BAM site office Canal Reach	Storage Location after Inspection: <i>(must be suitable)</i> BAM site office Canal Reach
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To be Built into the Works? ☒ no If YES Location:

Applicable Certification(s) *(e.g. BS, BBA cert etc)*

Purpose:
Approval

Project Team Comments:

Approval Status A ☐ B ☐ C ☐ Re-submittal Date Required

Legend: A – Approved; B – Approved with Comments; C – Rejected



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Sample Approved By:

Signed: _____ Name: _____ of _____ Date: _____

Signed: _____ Name: _____ of _____ Date: _____


Signed: _____ Name: _____ of _____ Date: _____

Distribution Client ☒ Arch ☒ Other (specify) G+T CMT

Project:	CDY	Project No:	HLN.0262
Submitted by:	BAM	Date:	26/07/17
Submitted to:	Camden Planning	Ref No:	108

Type: Sample: ☒ Benchmark: ☐ Mock-up: ☐

Description; Brushed Kebony



Location for Inspection: BAM Canal Reach offices	Storage Location after Inspection: <i>(must be suitable)</i> BAM Canal Reach offices
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To be Built into the Works? ☐ no If YES Location:

Applicable Certification(s) *(e.g. BS, BBA cert etc)*

Purpose:
Approval

Project Team Comments:

Approval Status A ☐ B ☐ C ☐ Re-submittal Date Required Not Required

Legend: A – Approved; B – Approved with Comments; C – Rejected



Sample/Benchmark Approval

Form: 300-43
Rev: 1

Sample Approved By:

Signed: _____ Name: _____ of _____ Date: _____

Signed: _____ Name: _____ of _____ Date: _____

Signed: _____ Name: _____ of _____ Date: _____

Distribution Client ☒ Arch ☒ Other (specify) G+T CMT