



Office: **Miri**

Date: **04 May 2021**

1.0 A-60 Fireproof Window

Clear Size, W x H (mm)	Glass Thickness (mm)	Type	Quantity			Serial No.	Remarks
			L	R	TLL		
1476 x 976	19+6A+5+22A+6	Fixed	-	-	1	EK KLR2100057-ECR	-

Dwg. No. Q05011-20, Rev. A

2.0 Black Frit Border Glass

Glass Size, W x H (mm)	Glass Thickness (mm)	Type	Quantity			Serial No.	Remarks
			P	S	TLL		
1500 x 1500	19mmt	Stick-on	-	-	1	WH01	-
1220 x 1500	19mmt	Stick-on	-	-	1	WH02	-
1220 x 1500	19mmt	Stick-on	-	-	1	WH03	-
1285 x 1500	19mmt	Stick-on	1	-	1	WH04	-
1320 x 1500	19mmt	Stick-on	1	-	1	WH05	-
1320 x 1500	19mmt	Stick-on	1	-	1	WH06	-
1320 x 1500	19mmt	Stick-on	1	-	1	WH07	-
1450 / 1276 x 1530	19mmt	Stick-on	1	-	1	WH08	-
1514 / 1340 x 1530	19mmt	Stick-on	1	-	1	WH09	-
1342 / 1267 x 1530	19mmt	Stick-on	1	-	1	WH10	-
1285 x 1500	19mmt	Stick-on	-	1	1	WH11	-
1320 x 1500	19mmt	Stick-on	-	1	1	WH12	-
1320 x 1500	19mmt	Stick-on	-	1	1	WH13	-
1320 x 1500	19mmt	Stick-on	-	1	1	WH14	-
1450 / 1276 x 1530	19mmt	Stick-on	-	1	1	WH15	-
1514 / 1340 x 1530	19mmt	Stick-on	-	1	1	WH16	-
1342 / 1267 x 1530	19mmt	Stick-on	-	1	1	WH17	-
1564 / 1489 x 1530	19mmt	Stick-on	-	1	1	WH18	-
1420 x 1530	19mmt	Stick-on	-	-	1	WH19	-
1564 / 1489 x 1530	19mmt	Stick-on	1	-	1	WH20	-
1300 x 1100	12mmt	Stick-on	-	-	1	LPD01	-
1300 x 1100	12mmt	Stick-on	-	-	1	LPD02	-
1300 x 1100	12mmt	Stick-on	-	-	1	LPD03	-
1100 x 900	12mmt	Stick-on	-	-	1	LPD04	-
1100 x 900	12mmt	Stick-on	-	-	1	LPD05	-
1100 x 900	12mmt	Stick-on	-	-	1	LPD06	-
1100 x 900	12mmt	Stick-on	-	-	1	LPD07	-
1100 x 900	12mmt	Stick-on	-	-	1	LPD08	-
1100 x 900	12mmt	Stick-on	-	-	1	LPD09	-
1100 x 900	12mmt	Stick-on	-	-	1	LPD10	-

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1100 x 900	12mmt	Stick-on	-	-	1	LPD11	-
1100 x 900	12mmt	Stick-on	-	-	1	LPD12	-
1100 x 900	12mmt	Stick-on	1	-	1	LPD13	-
1100 x 900	12mmt	Stick-on	1	-	1	UPD01	-
1100 x 900	12mmt	Stick-on	1	-	1	UPD02	-
1100 x 900	12mmt	Stick-on	1	-	1	UPD03	-
1100 x 900	12mmt	Stick-on	1	-	1	UPD04	-
1300 x 1250	12mmt	Stick-on	1	-	1	UPD05	-
1300 x 1250	12mmt	Stick-on	1	-	1	UPD06	-
1300 x 1355	15mmt	Stick-on	-	1	1	UPD07	-
1100 x 900	12mmt	Stick-on	-	1	1	UPD08	-
1100 x 900	12mmt	Stick-on	-	1	1	UPD09	-
1100 x 900	12mmt	Stick-on	-	1	1	UPD10	-
1100 x 900	12mmt	Stick-on	-	1	1	UPD11	-
1300 x 1250	12mmt	Stick-on	-	1	1	UPD12	-
1300 x 1250	12mmt	Stick-on	-	1	1	UPD13	-
1300 x 1335	15mmt	Stick-on	-	-	1	UPD14	-
1300 x 1350	15mmt	Stick-on	-	-	1	UPD15	-
1300 x 1350	15mmt	Stick-on	-	-	1	UPD16	-
1300 x 1350	15mmt	Stick-on	-	-	1	UPD17	-
1300 x 1350	15mmt	Stick-on	-	-	1	UPD18	-
500 x 750	12mmt	Stick-on	-	-	1	CD01	-
500 x 750	12mmt	Stick-on	-	-	1	CD02	-
500 x 750	12mmt	Stick-on	-	-	1	CD03	-
500 x 750	12mmt	Stick-on	-	-	1	CD04	-
500 x 750	12mmt	Stick-on	-	-	1	CD05	-
501 / 501 x 797	12mmt	Stick-on	-	-	1	CD06	-
500 x 750	12mmt	Stick-on	-	-	1	CD07	-
500 x 750	12mmt	Stick-on	-	-	1	CD08	-
500 x 750	12mmt	Stick-on	-	-	1	CD09	-
501 / 501 x 797	12mmt	Stick-on	-	-	1	CD10	-
500 x 805	12mmt	Stick-on	-	-	1	CD11	-
500 x 805	12mmt	Stick-on	-	-	1	CD12	-
500 x 805	12mmt	Stick-on	-	-	1	CD13	-
500 x 805	12mmt	Stick-on	-	-	1	CD14	-

Dwg. No. Q05011-20 (W01 to 18), Rev. D

3.0 Aluminium Fixed Type Scuttles

Nominal Size (mm)	Glass Thickness (mm)	Type	Quantity			Serial No.	Remarks
			L	R	TLL		
350	12	Fixed	-	-	14	EK KLR2100057-S1	-

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SCOPE OF WORK

- Material identification against mill certificates and approved fabrication drawings.
- Visual inspection, hydrotest and dimensional check against approved drawings.
- All components were verified as per table above for identification purposes upon completion.
- A-60 Fireproof Window hydrotested to 0.25 bar
- Black Frit Border Glass sampled hydrotest is based on the following dimensions and pressure head.
 - 1500 x 1500 x 19 mm – 0.25 bar
 - 1300 x 1100 x 12 mm – 0.25 bar
 - 1300 x 1355 x 15 mm – 0.25 bar
 - 1100 x 900 x 12 mm – 0.25 bar
 - 500 x 750 x 12 mm – 0.25 bar
 - 501/501 x 797 x 12 mm – 0.25 bar
- Aluminium Fixed Type Scuttles sampled hydrotest is based on the following quantity and pressure head.
 - 2 in number – 0.75 bar

7. Inspection for all afore-mentioned A-60 Fireproof Window, Black Frit Border Glass and Aluminium Fixed Type Scuttles were carried out in accordance with Marine Design Appraisal No. SATS/HULL/0022851, Issue number 0, dated 27 January 2021.
8. Final acceptance is subjected to the satisfaction of the attending surveyor upon on board installation.



Elliot Khoo
Surveyor to Lloyd's Register of Shipping (Malaysia) Bhd

a member of the Lloyd's Register group.