



PT. KORINDO ARIABIMA SARI

PANGKALAN BUN BRANCH

BRANCH OFFICE :
 JALAN KORINDO 77
 PANGKALAN BUN 74102
 TELP. (0532) - 21156 - 21158 - 21377 (HUNTING)
 FAX. (0532) - 21422

KABUPATEN KOTAWARINGIN BARAT
 KALIMANTAN TENGAH
 INDONESIA

HEAD OFFICE :
 WISMA KORINDO 10 TH ~ 15 TH FL
 JALAN M.T. HARYONO KAV. 62
 JAKARTA 12780 - INDONESIA
 TELP. (021) 7975959
 FAX. (021) 7976411

MILL'S TEST CERTIFICATE

FILE NO.		KAS/PB : 201303 - 01			CONTRACT : DUB / 0017 / 13			METHOD OF TEST		
PRODUCT DATE		February 20, 2013			CONDITION OF VENEER			HOT & COLD SOAKING TEST		
TESTING DATE		February 21, 2013								
ORDER		U.A E			Item	Thicknes	Colour	Number	Coefisien	
STANDARD TEST		J.P.I.C			Face	1.40	R	01	1.20	
DIMENSION		12.0 mm x 4' x 8'			Core	3.15	R.R	02	1.20	
TYPE		1.5			C/Core	3.15	R			
PLY		5			Back	1.40	R			
WOOD KIND		Meranti / Singker								
MOIST CONTENT		7.5%								
STEAM 2(Kg/cm ²)		-								
NUMBER OF SAMPLE		1								
BONDING AREA		1.27 x 2.54			1.27 x 2.54					
SAMPLE TEST		F / C			B / C					
POSITION		Kg	N/mm ²	WF	Kg	N/mm ²	WF			
TENSION STRENGTH (N/mm ²)	LEFT	1	55	2.01	100	61	2.22	100		
		2	57	2.08	100	58	2.11	100		
		3	54	1.97	100	59	2.15	100		
		4	62	2.26	50	64	2.33	70		
	MIDDLE	5	58	2.11	100	62	2.26	100		
		6	52	1.90	100	55	2.01	100		
		7	49	1.79	100	53	1.93	100		
		8	51	1.86	80	62	2.26	80		
	RIGHT	9	55	2.01	100	68	2.48	100		
		10	53	1.93	100	62	2.26	100		
		11	56	2.04	70	62	2.26	100		
		12	57	2.08	100	64	2.33	100		
Minimum		1.79 50			1.93 70					
Maximum		2.26 100			2.48 100					
Average		2.00 92			2.22 96					
No Of Passed		12			12					
Percentage		100%			100%					
Judgement		PASSED			PASSED					

REMARK

HOT PRESS : 7'25"
 TEMPERATUR : 115 ± 5 °C
 PRESS GAUGE : 0.98 N/mm²

INVOICE NUMBER : 02-03-E-201303001
 5 MARCH, 2013
 SHIPPING MARKS : MUSANDUM/TEL: 06-5595669/
 SHJ
 VESSEL'S NAME : MV. NOSCO VICTORY
 V. 302J
 DATE OF ISSUED : 15 MAR 2013





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TECHNICAL DATA SHEET

FILE NO.		KAS/PB : 201303 - 02			CONTRACT : DUB / 0017 / 13			METHOD OF TEST		
PRODUCT DATE		February 20, 2013			CONDITION OF VENEER			HOT & COLD SOAKING TEST		
TESTING DATE		February 21, 2013								
ORDER		U.A E			Item	Thicknes	Colour	Number	Coefisien	
STANDARD TEST		J.P.I.C			Face	1.40	R	01	1.20	
DIMENSION		12.0 mm x 4 ' x 8'			Core	3.15	R.R	02	1.20	
TYPE		1.5			C/Core	3.15	R			
PLY		5			Back	1.40	R			
WOOD KIND		Meranti / Singker								
MOIST CONTENT		7.5%								
STEAM 2(Kg/cm ²)		-								
NUMBER OF SAMPLE		1								
BONDING AREA		1.27 x 2.54			1.27 x 2.54					
SAMPLE TEST		F / C			B / C					
POSITION		Kg	N/mm ²	WF	Kg	N/mm ²	WF			
LEFT	1	62	2.26	100	54	1.97	100			
	2	58	2.11	100	58	2.11	50			
	3	59	2.15	100	52	1.90	100			
	4	52	1.90	100	48	1.75	100			
MIDDLE	5	52	1.90	100	49	1.79	100			
	6	55	2.01	80	52	1.90	100			
	7	54	1.97	100	51	1.86	70			
	8	62	2.26	100	53	1.93	100			
RIGHT	9	61	2.22	100	53	1.93	100			
	10	67	2.44	100	56	2.04	100			
	11	63	2.30	100	58	2.11	80			
	12	58	2.11	80	52	1.90	100			
Minimum		1.90 80			1.75 50					
Maximum		2.44 100			2.11 100					
Average		2.14 97			1.93 92					
No Of Passed		12			12					
Percentage		100%			100%					
Judgement		PASSED			PASSED					

REMARK

HOT PRESS : 7'.25"
 TEMPERATUR : 115 ± 5 °C
 PRESS GAUGE : 0.98 N/mm²

INVOICE NUMBER : 02-03-E-201303001
 5 MARCH, 2013
 SHIPPING MARKS : MUSANDUM/TEL: 06-5595669/
 SHJ
 VESSEL'S NAME : MV. NOSCO VICTORY
 V. 302J
 DATE OF ISSUED : 15 MAR 2013

PT. KORINDO ARIABIMA SARI





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MILL'S TEST CERTIFICATE

FILE NO.		KAS/PB : 201303 - 03		CONTRACT : DUB / 0017 / 13				METHOD OF TEST						
PRODUCT DATE		February 22, 2013		CONDITION OF VENEER				HOT & COLD SOAKING TEST						
TESTING DATE		February 23, 2013												
ORDER		U.A E		Item	Thicknes		Colour		Number	Coefisien				
STANDARD TEST		J.P.I.C		Face	1.40		R		01	1.10				
DIMENSION		18.0 mm x 4 ' x 8'		Core	2.80		R.R.R.R		02	1.10				
TYPE		1.5		C/Core	1.40		R.R.R		03	1.10				
PLY		9		Back	1.40		R		04	1.10				
WOOD KIND		Meranti / Singker												
MOIST CONTENT		7.5%												
STEAM 2(Kg/cm ²)		-												
NUMBER OF SAMPLE		1												
BONDING AREA		1.27 x 2.54		1.27 x 2.54		1.27 x 2.54		1.27 x 2.54						
SAMPLE TEST		F / C		CC / C		CC / C		B / C						
POSITION		Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF	
TENSION STRENGTH (N/mm ²)	LEFT	1	64	2.14	70	56	1.87	100	62	2.07	100	61	2.04	100
		2	59	1.97	100	52	1.74	50	64	2.14	80	58	1.94	80
		3	62	2.07	100	58	1.94	100	67	2.24	100	51	1.70	100
		4	68	2.27	100	62	2.07	100	49	1.64	100	55	1.84	100
	MIDDLE	5	55	1.84	80	65	2.17	100	55	1.84	100	56	1.87	100
		6	53	1.77	100	66	2.21	100	53	1.77	100	62	2.07	100
		7	62	2.07	100	58	1.94	100	59	1.97	100	63	2.11	50
		8	58	1.94	100	59	1.97	80	62	2.07	100	68	2.27	100
	RIGHT	9	62	2.07	100	62	2.07	100	63	2.11	100	59	1.97	100
		10	70	2.34	100	53	1.77	100	58	1.94	100	62	2.07	70
		11	65	2.17	70	55	1.84	100	53	1.77	50	63	2.11	100
		12	68	2.27	100	54	1.80	80	62	2.07	100	56	1.87	100
Minimum		1.77		70	1.74		50	1.64		50	1.70		50	
Maximum		2.34		100	2.21		100	2.24		100	2.27		100	
Average		2.08		93	1.95		93	1.97		94	1.99		92	
No Of Passed		12		12		12		12						
Percentage		100%		100%		100%		100%						
Judgement		PASSED		PASSED		PASSED		PASSED						

REMARK

HOT PRESS : 13'.50"
 TEMPERATUR : 115 ± 5 °C
 PRESS GAUGE : 0.98 N/mm²

INVOICE NUMBER : 02-03-E-201303001
 5 MARCH, 2013
 SHIPPING MARKS : MUSANDUM/TEL: 06-5595669/
 SHJ
 VESSEL'S NAME : MV. NOSCO VICTORY
 V. 302J
 DATE OF ISSUED : 15 MAR 2013





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TECHNICAL DATA SHEET

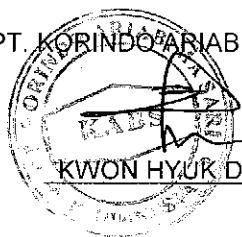
FILE NO.	KAS/PB : 201303 - 04		CONTRACT : DUB / 0017 / 13				METHOD OF TEST							
PRODUCT DATE	February 22, 2013		CONDITION OF VENEER				HOT & COLD SOAKING TEST							
TESTING DATE	February 23, 2013													
ORDER	U.A E		Item	Thicknes	Colour	Number	Coefisien							
STANDARD TEST	J.P.I.C		Face	1.40	R	01	1.10							
DIMENSION	18.0 mm x 4' x 8'		Core	2.80	R.R.R.R	02	1.10							
TYPE	1.5		C/Core	1.40	R.R.R	03	1.10							
PLY	9		Back	1.40	R	04	1.10							
WOOD KIND	Meranti / Singker													
MOIST CONTENT	7.5%													
STEAM 2(Kg/cm ²)	-													
NUMBER OF SAMPLE			1											
BONDING AREA	1.27 x 2.54		1.27 x 2.54		1.27 x 2.54		1.27 x 2.54							
SAMPLE TEST	F / C		CC / C			CC / C			B / C					
POSITION			Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF
TENSION STRENGTH (N/mm ²)	LEFT	1	53	1.77	100	54	1.80	100	64	2.14	100	53	1.77	100
		2	54	1.80	100	58	1.94	100	58	1.94	100	58	1.94	100
		3	51	1.70	70	59	1.97	100	52	1.74	100	54	1.80	100
		4	62	2.07	100	62	2.07	100	53	1.77	100	51	1.70	100
	MIDDLE	5	58	1.94	100	64	2.14	50	55	1.84	80	55	1.84	50
		6	56	1.87	100	66	2.21	100	54	1.80	100	62	2.07	100
		7	55	1.84	100	62	2.07	100	56	1.87	100	69	2.31	100
		8	54	1.80	100	67	2.24	100	62	2.07	50	52	1.74	100
	RIGHT	9	58	1.94	80	52	1.74	100	68	2.27	100	55	1.84	100
		10	62	2.07	100	53	1.77	100	52	1.74	100	52	1.74	100
		11	66	2.21	100	58	1.94	80	53	1.77	100	54	1.80	50
		12	56	1.87	100	65	2.17	100	50	1.67	100	52	1.74	100
Minimum			1.70	70		1.74	50		1.67	50		1.70	50	
Maximum			2.21	100		2.24	100		2.27	100		2.31	100	
Average			1.91	96		2.01	94		1.89	94		1.86	92	
No Of Passed			12			12			12			12		
Percentage			100%			100%			100%			100%		
Judgement			PASSED			PASSED			PASSED			PASSED		

REMARK

HOT PRESS : 13'.50"
TEMPERATUR : 115 ± 5 °C
PRESS GAUGE : 0.98 N/mm²

INVOICE NUMBER : 02-03-E-201303001
5 MARCH, 2013
SHIPPING MARKS : MUSANDUM/TEL: 06-5595669/
SHJ
VESSEL'S NAME : MV. NOSCO VICTORY
V. 302J
DATE OF ISSUED : 15 MAR 2013

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KWON HYUK DONG



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MILL'S TEST CERTIFICATE

FILE NO.	KAS/PB : 201303 - 05		CONTRACT : DUB / 0017 / 13						METHOD OF TEST											
PRODUCT DATE	February 18, 2013		CONDITION OF VENEER						HOT & COLD SOAKING TEST											
TESTING DATE	February 19, 2013																			
ORDER	U.A E		Item	Thicknes			Colour			Number		Coefisien								
STANDARD TEST	J.P.I.C		Face	1.20			R			01		1.10								
DIMENSION	18.0 mm x 4 ' x 8'		Core	1.65			R.R.R.R.R.R			02		1.10								
TYPE	1.5		C/Core	1.20			R.R.R.R.R			03		1.10								
PLY	13		Back	1.20			R			04		1.10								
WOOD KIND	Meranti / Singker									05		1.10								
MOIST CONTENT	8.0%									06		1.10								
STEAM 2(Kg/cm ²)	-																			
NUMBER OF SAMPLE	1																			
BONDING AREA	1.27 x 2.54			1.27 x 2.54			1.27 x 2.54			1.27 x 2.54			1.27 x 2.54			1.27 x 2.54				
SAMPLE TEST	F / C			CC / C			CC / C			CC / C			CC / C			B / C				
POSITION			Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF
TENSION STRENGH (N/mm ²)	LEFT	1	50	1.67	70	58	1.94	100	52	1.74	100	54	1.80	100	53	1.77	100	53	1.77	100
		2	55	1.84	100	54	1.80	100	58	1.94	80	58	1.94	70	62	2.07	100	58	1.94	70
		3	54	1.80	100	49	1.64	100	54	1.80	100	52	1.74	100	58	1.94	100	54	1.80	100
		4	58	1.94	90	52	1.74	100	50	1.67	100	61	2.04	100	54	1.80	100	48	1.60	100
	MIDDLE	5	52	1.74	100	55	1.84	100	62	2.07	50	49	1.64	100	48	1.60	40	42	1.40	100
		6	62	2.07	80	48	1.60	80	65	2.17	100	52	1.74	50	49	1.64	100	52	1.74	100
		7	55	1.84	100	46	1.54	50	58	1.94	100	62	2.07	100	52	1.74	80	58	1.94	80
		8	51	1.70	100	52	1.74	100	51	1.70	100	62	2.07	100	55	1.84	100	56	1.87	100
	RIGHT	9	53	1.77	100	61	2.04	100	54	1.80	100	62	2.07	100	52	1.74	100	55	1.84	100
		10	62	2.07	80	52	1.74	70	52	1.74	100	56	1.87	70	62	2.07	100	52	1.74	70
		11	64	2.14	100	55	1.84	100	55	1.84	100	58	1.94	100	65	2.17	40	53	1.77	100
		12	50	1.67	100	53	1.77	100	53	1.77	100	59	1.97	100	58	1.94	100	57	1.90	100
Minimum	1.67 70			1.54 50			1.67 50			1.64 50			1.60 40			1.40 70				
Maximum	2.14 100			2.04 100			2.17 100			2.07 100			2.17 100			1.94 100				
Average	1.85 93			1.77 92			1.85 94			1.91 91			1.86 88			1.78 93				
No Of Passed	12			12			12			12			12			12				
Percentage	100%			100%			100%			100%			100%			100%				
Judgement	PASSED			PASSED			PASSED			PASSED			PASSED			PASSED				

REMARK

HOT PRESS : 16'30"
TEMPERATUR : 115 ± 5 °C
PRESS GAUGE : 0.98 N/mm²

INVOICE NUMBER : 02-03-E-201303001
5 MARCH, 2013
SHIPPING MARKS : MUSANDUM/TEL: 06-5595669/
SHJ
VESSEL'S NAME : MV. NOSCO VICTORY
V. 302J
DATE OF ISSUED : 15 MAR 2013

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KALIMANTAN TENGAH
INDONESIA

HEAD OFFICE :
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TECHNICAL DATA SHEET

FILE NO.	KAS/PB : 201303 - 06		CONTRACT : DUB / 0017 / 13						METHOD OF TEST											
PRODUCT DATE	February 18, 2013		CONDITION OF VENEER						HOT & COLD SOAKING TEST											
TESTING DATE	February 19, 2013								HOT & COLD SOAKING TEST											
ORDER	U.A E		Item	Thicknes			Colour			Number		Coefisien								
STANDARD TEST	J.P.I.C		Face	1.20			R			01		1.10								
DIMENSION	18.0 mm x 4 ' x 8'		Core	1.65			R.R.R.R.R.R			02		1.10								
TYPE	1.5		C/Core	1.20			R.R.R.R.R			03		1.10								
PLY	13		Back	1.20			R			04		1.10								
WOOD KIND	Meranti / Singker									05		1.10								
MOIST CONTENT	8.0%									06		1.10								
STEAM 2(Kg/cm ²)	-																			
NUMBER OF SAMPLE	1																			
BONDING AREA	1.27 x 2.54			1.27 x 2.54			1.27 x 2.54			1.27 x 2.54			1.27 x 2.54			1.27 x 2.54				
SAMPLE TEST	F / C			CC / C			CC / C			CC / C			CC / C			B / C				
POSITION			Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF	Kg	N/mm ²	WF
TENSION STRENGTH (N/mm ²)	LEFT	1	50	1.67	70	58	1.94	100	52	1.74	100	54	1.80	100	53	1.77	100	53	1.77	100
		2	55	1.84	100	54	1.80	100	58	1.94	80	58	1.94	70	62	2.07	100	58	1.94	70
		3	54	1.80	100	49	1.64	100	54	1.80	100	52	1.74	100	58	1.94	100	54	1.80	100
		4	58	1.94	90	52	1.74	100	50	1.67	100	61	2.04	100	54	1.80	100	48	1.60	100
	MIDDLE	5	52	1.74	100	55	1.84	100	62	2.07	50	49	1.64	100	48	1.60	40	42	1.40	100
		6	62	2.07	80	48	1.60	80	65	2.17	100	52	1.74	50	49	1.64	100	52	1.74	100
		7	55	1.84	100	46	1.54	50	58	1.94	100	62	2.07	100	52	1.74	80	58	1.94	80
		8	51	1.70	100	52	1.74	100	51	1.70	100	62	2.07	100	55	1.84	100	56	1.87	100
	RIGHT	9	53	1.77	100	61	2.04	100	54	1.80	100	62	2.07	100	52	1.74	100	55	1.84	100
		10	62	2.07	80	52	1.74	70	52	1.74	100	56	1.87	70	62	2.07	100	52	1.74	70
		11	64	2.14	100	55	1.84	100	55	1.84	100	58	1.94	100	65	2.17	40	53	1.77	100
		12	50	1.67	100	53	1.77	100	53	1.77	100	59	1.97	100	58	1.94	100	57	1.90	100
Minimum			1.67	70		1.54	50		1.67	50		1.64	50		1.60	40		1.40	70	
Maximum			2.14	100		2.04	100		2.17	100		2.07	100		2.17	100		1.94	100	
Average			1.85	93		1.77	92		1.85	94		1.91	91		1.86	88		1.78	93	
No Of Passed			12			12			12			12			12			12		
Percentage			100%			100%			100%			100%			100%			100%		
Judgement			PASSED			PASSED			PASSED			PASSED			PASSED			PASSED		

REMARK

HOT PRESS : 16'30"
TEMPERATUR : 115 ± 5 °C
PRESS GAUGE : 0.98 N/mm²

INVOICE NUMBER : 02-03-E-201303001
5 MARCH, 2013
SHIPPING MARKS : MUSANDUM/TEL: 06-5595669/
SHJ
VESSEL'S NAME : MV. NOSCO VICTORY
V. 302J
DATE OF ISSUED : 15 MAR 2013

PT. KORINDO ARIABIMA SARI

