



FICHA TÉCNICA

Producto: **Láminas lisas de aluminio marino 5052 H32**

DESCRIPCIÓN: Lámina lisa de aluminio 5052 H32 de calibre #16 de 4 x 8 pies. Cada lámina tiene una cubierta de PVC de alta resistencia que protege el acabado. Para uso en aplicaciones que requieran contacto con el agua salina

CÓDIGO: LAMR 4X8 1.5 5052

Marca: Carbone Aluminium

Aleación: 5052 H32

Espesor: 1.5 mm

Norma de Fabricación: ASTM-B209

Calibre: #16

Procedencia: Importado

Medidas: 4' x 8' (pies) - 1219.2 x 2440 (mm)

Acabado: Mill Finish

EMPRESAS CARBONE S.A.		Certificate No. 00520180000021410				
Product	Aluminum Sheet					
Specification	ASTMB209					
Standard	5052H32	Finish	Mill Finish		Protect	PVC

Item No.	Product Description			Chemical Composition(%)										Mechanical Test		
	Dimensions	Quantity Pcs	Weight kgs	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Impurities		Yield Strength	Ultimate Strength	Elongation
												Each	Total			
Specification			Min. Max.	-- 0.25	-- 0.40	-- 0.10	-- 0.10	2.2 2.8	0.15 0.35	-- 0.10	--	0.05	0.15	≥159	214 - 263	≥9
1	4.0 mm x 1,219.0 mm x 3,048 mm	--	1978.00	0.14	0.35	0.02	0.06	2.44	0.18	0.01	--	0.05	0.15	177	234	16.5
2	6.0 mm x 1,219.0 mm x 3,048 mm	--	1893.00	0.10	0.33	0.02	0.06	2.34	0.18	0.01	--	0.05	0.15	141	209	21.5
3	3.0 mm x 1,219.0 mm x 2,440 mm	--	485.00	0.10	0.33	0.02	0.04	2.34	0.19	0.04	--	0.05	0.15	190	229	12
4	1.5 mm x 1,219.0 mm x 2,440 mm	--	480.00	0.15	0.14	0.02	0.03	2.55	0.25	0.01	--	0.05	0.15	182	235	12
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	TOTAL:		4836.00													

Remark

Note

*01 = Hardness Test
*02= Heat Treatment
*Gauge Length: 50mm

1 MPa=1 N/mm²=10bar=145psi=
10.2kgf/cm²

Visual Inspection(Surface) and Dimension Check : OK

Surveyor By	We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification. The material described above has been found free of radiation by raw material supplier.	1.ISO 9001:2015 (No.01100056299) 2.PED/AD2000 (No.01202TWN/Q-050105) 3.ISO 14001:2004 (No.01104822096385) 4.OHSAS 18001:2007 (No.01113822096385)
N/A		