



Standard Specification for SOFT SHEET LEAD AND STRIP

SCOPE This specification applies to soft sheet lead and strip intended for use in chemical plants, and for flashings, weatherings, damp-proof courses, sound attenuation and other uses.

Sheet lead manufactured to Australian Standard AS 1804-1976.

DEFINITION For the purpose of this specification the following definition applies:
Soft lead – lead which has a minimum purity of 99.8 percent.

PROCESS OF MANUFACTURE The lead sheet or strip shall be manufactured by milling or continuous casting from lead.
Consolidated Alloys shall be responsible for the performance of all inspection and tests required by this specification prior to shipment of the material.

CHEMICAL COMPOSITION The chemical composition of the sheet or strip shall be in accordance with the limits given in Table 1.

**TABLE 1
CHEMICAL COMPOSITION**

Product	Lead		Copper		Antimony	Zinc	Total all elements except lead not to exceed
	min.	max.	min.	max.	max.	max.	
Milled sheet or strip	99.8		0.05	0.07	0.01	0.005	0.2
DM continuously Cast sheet or strip	99.8		0.01	0.02	0.01	0.005	0.2

FREEDOM FROM DEFECTS The sheet and strip shall be sound, and free from inclusions, laminations and other defects.



Consolidated Alloys

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MASS PER UNIT AREA

General.

The mass per unit area, expressed in kilograms per square metre (kg/m²), shall be one of those listed in Table 2, as specified by the purchaser.

For all sizes, the mass per unit area of sheet or strip supplied shall not vary from that specified by more than +/- 5 percent.

Measurement of Mass per Unit Area

A square 300mm by 300mm shall be cut from the position in the sheet indicated by the purchaser and the mass shall be determined by weighing.

TABLE 2
MASS PER UNIT AREA

Mass per unit area Kg/m ²	Nominal thickness (for information only) Mm
5	0.44
10	0.88
12.5	1.10
15	1.32
20	1.76
25	2.20
30	2.65
35	3.09
40	3.35

WIDTH AND LENGTH

General.

Standard lengths are 3 and 6m. Alternate lengths may be available by special order and should be specified in 10mm increments and widths shall be specified in 5mm increments.

Available in widths 150 to 1200mm

Available in squares 450 x 450, 600 x 600, 900 x 900, 1200 x 1200mm

IDENTIFICATION

The method of identification shall be stated at the time of enquiry and / or order.

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