



RADIATION SERVICES AUSTRALIA

*Lead Lined Gypsum
Product Data Sheet*

FOR MORE INFORMATION

About Us

Incorporating Radiation Services Australia (RSA) and Radiation Services Consulting (RSC). Radiation Services Group has provided radiation shielding design and supply throughout Australia, New Zealand and South-East Asia for over 30 years.

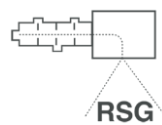
For further information regarding Lead Lined Gypsum or other Radiation Shielding Products please contact Radiation Services Group.

Contact Us

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**RADIATION SERVICES
AUSTRALIA**

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Lead Lined Gypsum wall with Lead Lined Doors.

Safe handling of Lead

As lead lined sheets supplied by RSA are of a solid state, there is a minimal risk of lead exposure.

However, it is our recommendation that all personnel handling Lead Lined Gypsum follow the below precautionary measures:

- Keep contact between bare skin and lead to a minimum.
- Wear protective gloves when handling bare lead surfaces.
- Always wash hands thoroughly with heavy metal hand soap after handling Lead Lined Gypsum.
- Wear disposable protective gear or wash exposed clothing separately to avoid unnecessary contamination.

TECHNICAL DATA

| Lead Gauge | Sheet Size | Dead Weight (Per sheet) |
|------------------------------|--|-------------------------|
| 5kg.m ² (0.44mm) | 13mm Gypsum 1200 x 3000mm, lead lined to 2100mmH | 44kg |
| 10kg.m ² (0.88mm) | 13mm Gypsum 1200 x 3000mm, lead lined to 2100mmH | 57kg |

Product Description

13mm Gypsum board with lead bonded to one face. Gypsum sheets available in variations of 2400mm, 2700mm or 3000mm heights.

Lead Lined Gypsum is suitable for applications up to 10kg.m² (0.88mm).

INSTALLATION

Positioning

Place the Lead Lined Gypsum sheet onto the stud frame with the exposed lead surface facing towards the stud work.

If using metal framework, the stud surface which will make contact with the exposed lead must be taped with PVC duct tape or equivalent to prevent a reaction between dissimilar metals.

Ensure the 20mm overlap of lead to one edge of the Lead Lined Gypsum sheet remains exposed after installation. This is required to overlap the adjacent lead lined sheet to ensure a continuous barrier of radiation shielding.

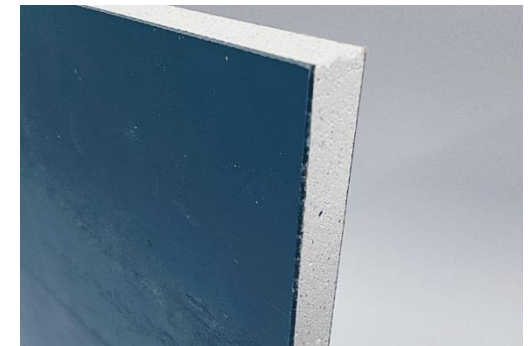
Fixing

Lead Lined Gypsum can be screw fixed to the stud using standard wallboard screws.

Cutting

As Lead Lined Gypsum is supplied as full-sized sheets, personnel may be required to be cut sheets down to size on-site.

Sheets can be cut with power shears, diamond blades or by scoring the Lead Lined Gypsum board and breaking it over an edge. The lead can then be cut with a heavy-duty Stanley knife.



Lead Lined Gypsum.

Finishing

Lead Lined Gypsum sheets can be finished using regular plasterboard joint compound.