



# RADIATION SERVICES AUSTRALIA

*Lead Lined Impactboard  
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.

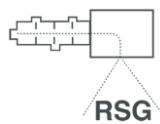
For further information regarding Lead Lined Impact board or other Radiation Shielding Products please contact Radiation Services Group.

### Contact Us

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**RADIATION SERVICES  
AUSTRALIA**

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*Lead Lined Impactboard 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 <sup>2</sup> (0.44mm)	13mm Impact board 1200 x 3000mm, lead lined to 2100mmH, 2400mmH, 2700mmH or Full Height	49kg*
10kg.m <sup>2</sup> (0.88mm)	13mm Impact board 1200 x 3000mm, lead lined to 2100mmH, 2400mmH, 2700mmH or Full Height	62kg*
15kg.m <sup>2</sup> (1.32 mm)	13mm Impact board 1200 x 3000mm, lead lined to 2100mmH, 2400mmH, 2700mmH or Full Height	75kg*
20kg.m <sup>2</sup> (1.76mm)	13mm Impact board 1200 x 3000mm, lead lined to 2100mmH, 2400mmH, 2700mmH or Full Height	87kg*
25kg.m <sup>2</sup> (2.20mm)	13mm Impact board 1200 x 3000mm, lead lined to 2100mmH, 2400mmH, 2700mmH or Full Height	100kg*
30kg.m <sup>2</sup> (2.64mm)	13mm Impact board 1200 x 3000mm, lead lined to 2100mmH, 2400mmH, 2700mmH or Full Height	113kg*

\*Dead weight shown based on lead lining fixed to 2100mmH

## Product Description

13mm Impact board with lead bonded to one face.

Lead Lined Impact board is suitable for applications up to 40kg.m<sup>2</sup> (3.52mm).

## INSTALLATION

### Positioning

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

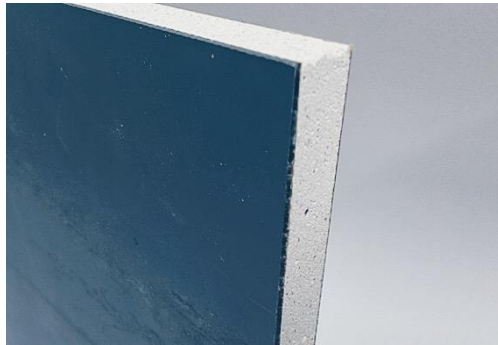
## Cutting

As Lead Lined Impact 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 Impact board and breaking it over an edge. The lead can then be cut with a heavy-duty Stanley knife.

## Finishing

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



*Lead Lined Impact board.*