

PRODUCT DATASHEET

LEAD-LINED PLASTERBOARD



FOR USE IN RADIATION SHIELDING APPLICATIONS IN A VARIETY OF SECTORS: HEALTHCARE, VETERINARY, NUCLEAR RESEARCH AND NON-DESTRUCTIVE TESTING.



USAGE

Wall shielding	✓
Ceiling shielding	✓
New-build healthcare projects	✓
Healthcare refurbishment projects	✓
Dental surgeries	✓
Veterinary practices	✓
Industrial	✓

DESCRIPTION

Plasterboard with pressure bonded lead sheet applied to one face.

COMPLIANCE

Plasterboard to BS EN 520:2004 + A1:2009
Lead sheet to BBA Certificate No. 86/1764

DIMENSIONS AND WEIGHTS

WIDTH

Whilst the boards can be manufactured to any standard plasterboard size the cumulative weight can be significant. Consequently a maximum width of 600mm is recommended. Sizes of less than 600mm can be produced as a special.

HEIGHT

Heights up to 3000mm can be manufactured with the most common being 2400mm.

THICKNESS AND WEIGHTS

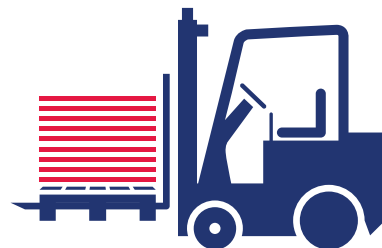
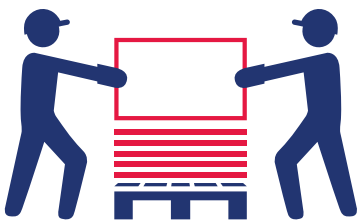
The table opposite indicates the nominal weight and thickness of 12.5mm and 15mm plasterboard.

Lead thickness		Total weight (lead plus board) kg/m ²			
mm	UK code	12.5mm board thickness	O/A thickness	15mm board thickness	O/A thickness
0.44mm	1	13.19	12.94mm	14.79	15.44mm
0.5mm		13.87	13.00mm	15.47	15.5mm
0.89mm	2	18.29	13.39mm	19.89	15.89mm
1mm		19.54	13.50mm	21.14	16mm
1.32mm	3*	23.17	13.82mm	24.77	16.32mm
1.5mm		25.21	14.00mm	26.81	16.5mm
1.8mm	4*	28.62	14.30mm	30.22	16.8mm
2mm		30.88	14.50mm	32.48	17mm
2.24mm	5*	33.60	14.74mm	35.2	17.24mm
2.5mm		36.55	15.00mm	38.15	17.5mm
2.65mm	6*	38.25	15.15mm	39.85	17.65mm
3mm		42.22	15.50mm	43.82	18mm
3.15mm	7*	43.92	15.65mm	45.52	18.15mm
3.5mm		47.89	16.00mm	49.49	18.5mm
3.55mm	8*	48.46	16.05mm	50.06	18.55mm

*BS EN 12588:2006

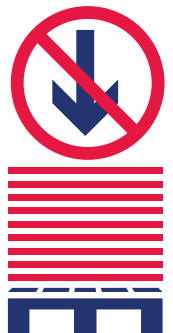
STORAGE AND HANDLING TIPS

Lead-lined boards are supplied on a wooden pallet system. Pallets should be moved using a fork lift truck or hydraulic trolley.



When manually handling lead-lined boards, consider the correct manual handling technique to limit risk. Lead is heavy – ensure you have help to lift into position.

Lead-lined boards are not suitable to be used as a platform or deck. They will not support body weight and therefore it is important that installers use an independent support mechanism.



Lead is not covered by COSHH (control of substances hazardous to health) and handling lead-lined boards is perfectly safe – but we do recommend you take certain precautions:


Wear protective gloves when handling the lead sheet


Wash your hands thoroughly as soon as possible after you have finished


Don't eat, drink or smoke until you've washed your hands

Lead-lined boards should be stored in dry flat conditions.



FOR FURTHER ASSISTANCE AND ADVICE PLEASE CONTACT MIDLAND LEAD HEALTHCARE

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