

Radiation Shielding Foils, Sheets and Profiles

Shielding foils and sheets are available in various sizes for lining rooms, protection walls and equipment. Alternatively, foils and sheets can be provided with a radiation resistant adhesive layer. The surface is non-corrosive. The lead thickness is determined in accordance with shielding regulations and health physics.

All price offers will always be given with reference to the latest lead quote at the LME (London Metal Exchange / www.lme.co.uk).

X-RAY PROTECTION

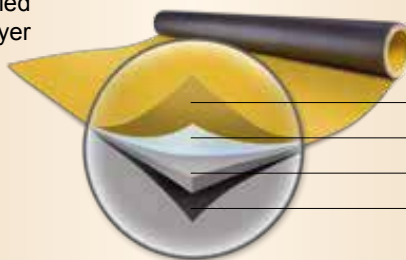
LEAD

Self-adhesive shielding sheets and foils

These foils offer a flexible solution for shielding rooms and equipment. They can be applied directly to gypsum boards, the adhesive layer is provided on one side.

- Fields of application:
Where existing shielded walls have been constructed using gypsum plaster board it becomes very cost effective to apply additional layers of sheet or foil to increase the shielding of existing walls.
- Standard thicknesses: 0,5 mm, 1,0 mm, 1,5 mm, 2,0 mm (others on request)
- Standard widths: 1000 mm and 620 mm (others on request)
- Standard lengths:
see information on back side

Various lead thicknesses can be achieved by superimposing.



1. Protective sheet
2. Modified acrylic adhesive
3. Lead sheet
4. Painted surface finish

Application steps:



Needed tools



Cutting into lengths



Rolling on



Affixing lead stripes



Shipping on rolls

Shielding sheets Pb 99,5Cu (both sides tin-coated)

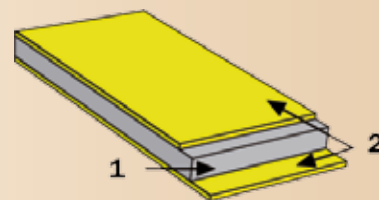
As these foils have a surface tin coating on both sides these foils and sheets can be processed without lead contact (lead core encased). The tin coating is corrosion resistant and can be processed with most contact adhesives.

- Fields of application:
Veneered doors, ceilings and floor linings, shielding of hollow and wall outlets.
- Standard thicknesses: 0,5 mm, 1,0 mm, 1,5 mm, 2,0 mm, 2,5 mm, 3,0 mm (others on request)
- Standard width: 1000 mm (others on request)

Various lead thicknesses can be achieved by superimposing.



pallet packing



Build-up

- 1 Radiation protection core of lead
- 2 Corrosion resistant tin cladding

Prism Profiles

Lead prism profiles are well suitable for walls with thick size lead.

There are 3 different types to be combined: normal, foot and head profile.

They are with key and slot. Each wall segment always consists of 1 foot part, 1 or more normal parts depending on room height and 1 head part.



Self-adhesive Lead Stripes

These stripes are used to seal the joints between lead sheets. They are available in different measurements, please see information below.



Cavity Wall Switch Boxes

They are used to prevent radiation emissions at screws, switches and plug sockets.

Available as single, double or triple box.



Rectangular Lead Sheets

Lead profiles are also available in flexible sheet types. The customer may determine the length and width per piece. It is advised to take care of the weight manageability of those pieces.

Packing and Weight Information

Self-Adhesive Shielding Sheeting (SASS)

Article	Pb thickness	type	l x w (m)	kg / m ²	roll weight	m ² /roll	transport packing
232100	0,5 mm	roll	10 x 1	5,67	approx. 56,7 kg	10	crates of max. 15 rolls, 1,2 x 0,8 x 0,75, Tara 90 kg
232101	1,0 mm	roll	5 x 1	11,34	approx. 56,7 kg	5	crates of max. 15 rolls, 1,2 x 0,8 x 0,75, Tara 90 kg
232102	1,5 mm	roll	2,5 x 1	17,01	approx. 42,55 kg	2,5	crates of max. 15 rolls, 1,2 x 0,8 x 0,75, Tara 90 kg
232103	2,0 mm	roll	2,5 x 1	22,68	approx. 56,7 kg	2,5	crates of max. 15 rolls, 1,2 x 0,8 x 0,75, Tara 90 kg
232105	0,5 mm	roll	10 x 0,62	5,67	approx. 35,2 kg	6,2	crates of max. 15 rolls, 1,2 x 0,8 x 0,75, Tara 90 kg
232106	1,0 mm	roll	6 x 0,62	11,34	approx. 42,2 kg	3,7	crates of max. 15 rolls, 1,2 x 0,8 x 0,75, Tara 90 kg
232107	1,5 mm	roll	3 x 0,62	17,01	approx. 31,6 kg	1,9	crates of max. 15 rolls, 1,2 x 0,8 x 0,75, Tara 90 kg
232108	2,0 mm	roll	3 x 0,62	22,68	approx. 42,2 kg	1,9	crates of max. 15 rolls, 1,2 x 0,8 x 0,75, Tara 90 kg

Lead Stripes and Switch Boxes

Article	Pb thickness	type	l x w (m)	kg / m ²	roll weight	transport packing
232130	0,5 mm	Self-adhesive lead stripes	20 x 0,05	0,28	approx. 5,6 kg	paletts of max. 170 rolls
232131	1,0 mm	Self-adhesive lead stripes	20 x 0,05	0,57	approx. 11,4 kg	paletts of max. 100 rolls
232132	1,5 mm	Self-adhesive lead stripes	10 x 0,05	0,85	approx. 8,5 kg	paletts of max. 115 rolls
232133	2,0 mm	Self-adhesive lead stripes	10 x 0,05	1,14	approx. 11,4 kg	paletts of max. 100 rolls
232134	2,5 mm	Self-adhesive lead stripes	8 x 0,05	1,4	approx. 11,4 kg	paletts of max. 90 rolls
232135	3,0 mm	Self-adhesive lead stripes	8 x 0,05	1,70	approx. 13,6 kg	paletts of max. 90 rolls

Article	Pb thickness	type	height x width x depth	kg/pcs	transport packing
232200	3,0 mm	Switch box single	100 x 234 x 48 mm	2,1 kg	paletts of max. 150 pieces
232201	3,0 mm	Switch box double	100 x 308 x 48 mm	2,7 kg	paletts of max. 150 pieces
232202	3,0 mm	Switch box triple	100 x 380 x 48 mm	3,6 kg	paletts of max. 150 pieces

Shielding Sheets Pb 99,5 Cu

Article	Pb thickness	type	l x w (m)	kg / m ²	roll weight	m ² /roll	transport packing
232110	0,5 mm	roll	10 x 1	5,67	approx. 57 kg	10	paletts of max. 18 rolls, 1,2 x 0,8 x 0,6, Tara 25 kg
232111	1,0 mm	roll	4,4 x 1	11,34	approx. 50 kg	4,4	paletts of max. 20 rolls, 1,2 x 0,8 x 0,6, Tara 25 kg
232112	1,5 mm	roll	2,9 x 1	17,01	approx. 50 kg	2,6	paletts of max. 20 rolls, 1,2 x 0,8 x 0,6, Tara 25 kg
232113	2,0 mm	roll	2,2 x 1	22,68	approx. 50 kg	2,2	paletts of max. 20 rolls, 1,2 x 0,8 x 0,6, Tara 25 kg
232114	2,5 mm	roll	1,75	28,35	approx. 50 kg	1,75	paletts of max. 20 rolls, 1,2 x 0,8 x 0,6, Tara 25 kg
232115	3,0 mm	roll	1,5 x 1	34,02	approx. 50 kg	1,5	paletts of max. 20 rolls, 1,2 x 0,8 x 0,6, Tara 25 kg