

## Lead bricks

## Data sheet E7

**Description** Lead bricks are an extruded lead block that has been machined all round to form a chevron that interlocks when fitted together with other blocks.

**Application** For use as radiation shielding during high level X-ray procedures such as PET scanning, Brachytherapy, Oncology and Industrial X-ray (non-destructive testing).

**Range** Lead bricks are available from 15mm to 50mm thick.

Certain brick widths may require a special size die to be manufactured. The die cost may be charged back to the customer, depending on the job size.

**Shielding** A continuous envelope of lead shielding must be achieved by interlocking all corners and wall junctions. Interfaces with windows and doors must also provide continuous shielding.

**Installation** The shielding can be installed against a 25mm plywood facing over either solid block or metal stud walls. Stud walls need to be engineered by the system supplier to provide adequate support for the weight.

To avoid service penetrations, it is recommended that a secondary stud wall is erected to house services and receive the final plasterboard skin.

Installation should be undertaken by Envirotect Ltd

**Availability** Due to the design element required, consideration needs to be given to the protracted lead-time when programming Heavy Lead Shielding.

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