

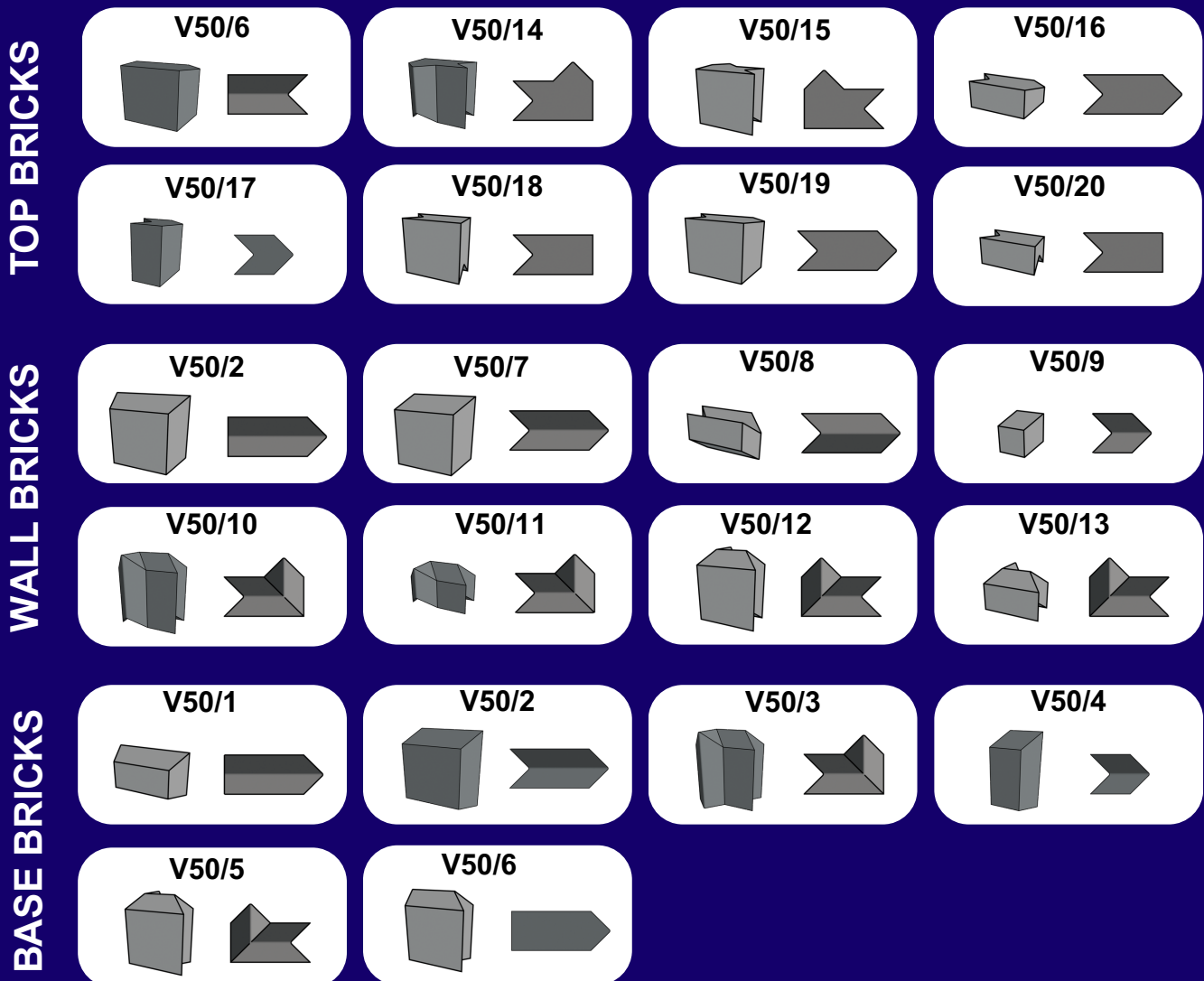
V50 LEAD BRICK SHIELDING SYSTEM

Calder interlocking V50 lead bricks provide a practical, modular solution for on-site radiation shielding that meets the standards of ISO 7212, making it easy to quickly build and rearrange 'lead castle' shielding enclosures, providing flexible bespoke radiation shielding where it is needed whilst avoiding permanent installations.

V50 bricks are standardised to allow a range of layouts - straight runs, corners, stepped profiles, and compact enclosures, and with straight or staggered joints. Their modular nature and manageable size and weight allows them to be reconfigured by hand as requirements change, whilst the interlocking 'chevron' design eliminates shine paths ensuring optimal protection.

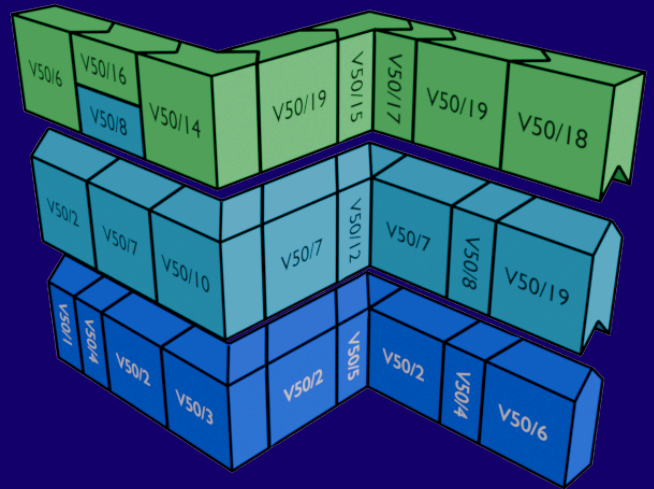
V50 bricks are manufactured from durable 4% antimonial lead (PbSb4) offering improved hardness and durability for repeated handling, can be supplied as bare lead finish for the best shielding, or finished in a durable 2-part epoxy paint to eliminate lead exposure in handling and use.

LEAD BRICK RANGE



PRODUCT CONFIGURATION

The illustration shows how to approach a simple wall construction using different V50 bricks and highlights the modular nature of the system. A wider range of configurations are possible to suit your shielding and space requirements. A typical setup will require a single layer of bottom and top bricks, and as many wall bricks as required to achieve the required total height.



PRODUCT INFORMATION

TOP BRICKS

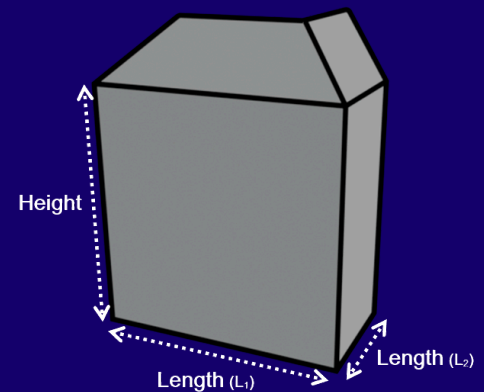
Item Code	Description	Weight (kg)	Height (mm)	Length (mm) (L1 / L2)
V50/6	Left Hand End	5.5	100	100
V50/14	Corner	5.0	100	100/50
V50/15	Reverse Corner	5.0	100	100/50
V50/16	Horizontal	2.2	50	100
V50/17	Full Size or RH End	2.5	100	50
V50/18	Right Hand End	4.3	100	100
V50/19	Full Size or RH End	5.0	100	100
V50/20	Top RH End Half	1.9	100	50

WALL BRICKS

Item Code	Description	Weight (kg)	Height (mm)	Length (mm) (L1 / L2)
V50/2	Left Hand End	6.6	100	100
V50/7	Full Size	5.6	100	100
V50/8	Half	2.8	100	50
V50/9	Quarter	1.4	50	50
V50/10	Corner	5.9	100	100/50
V50/11	Half Corner	2.9	50	100/50
V50/12	Reverse Corner	5.9	100	100/50
V50/13	Half Reverse Corner	2.9	50	100/50

BASE BRICKS

Item Code	Description	Weight (kg)	Height (mm)	Length (mm) (L1 / L2)
V50/1	Left Hand End	4.0	100	50
V50/2	Base or LH End	6.6	100	100
V50/3	Corner	6.5	100	100/50
V50/4	Half	3.2	100	50
V50/5	Reverse Corner	6.5	100	100/50
V50/6	Right Hand End	5.5	100	100



This table provides the technical specifications for each block type to allow you to select the correct brick types for your project, however our in-house design team would be happy to assist you in specifying your requirements.

