



**X-ray Door
Company**

TECHNICAL SPECIFICATION

Lead-lined X-ray room door

Made-to-measure shielded doors for dental and veterinary X-ray rooms
Issue date 15 October 2026 · Ref XRD-TS-01 Rev A

1.32 mm Pb

Code 3 lead, BS EN 12588

Bespoke sizes

500–1500 × 1800–2400
mm

3–4 weeks

Mainland UK lead time

Built in the UK

Tordoff & Wilkinson,
Bradford

Product overview

The X-Ray Door Co. supplies made-to-measure, lead-lined doors for dental and veterinary X-ray rooms. Each door is built to order in the UK and lined with Code 3 (1.32 mm) lead.

Item	Detail
Supplier	360 Visualise Ltd, trading as The X-Ray Door Co.
Address	Octagon House, Bradford Road, Sandbeds, BD20 5LY
Contact	01943 601222 · hello@360v.co.uk
Manufacturer	Tordoff & Wilkinson Ltd, 33 Bolling Road, Broomfields, Bradford BD4 7BT
Typical rooms	CBCT, OPG/panoramic, intraoral and veterinary X-ray rooms
Product options	Door leaf only, or door leaf with matching lead casing (frame)

Radiation shielding

The standard door gives 1.32 mm lead protection across the leaf, the vision panel and, where ordered, the casing. Your Radiation Protection Adviser (RPA) sets the shielding your room needs. We build to the figure in your RPA's Review of Plans.

Component	Specification
Leaf lining	Code 3 sheet lead, 1.32 mm, to BS EN 12588. Supplied by Midland Lead. Sandwiched in the centre of the leaf and continuous across its full area.
Vision panel (optional)	Lead X-ray glass, 200 × 300 mm visible area, 1.32 mm lead equivalent at 90 kV. Made by Hengshui Aohong Technology Co., Ltd, Hebei, China (ISO 9001:2015 certified).
Lead casing (optional)	Lead-lined casing with a lead overlap on the door leaf, sealing the perimeter gap.
Other lead thicknesses	Available on request where the RPA specifies more than 1.32 mm.

Without the lead casing, the gap between leaf and frame is not shielded. Check with your RPA whether your room needs the casing for full-perimeter protection.

Door leaf

Every leaf is made to measure, between 500–1500 mm wide and 1800–2400 mm high.

Item	Specification
Width	500–1500 mm, made to measure
Height	1800–2400 mm, made to measure
Leaf thickness	Approx. 54 mm
Construction	Code 3 lead sheet sandwiched in the centre of the leaf
Weight	Approx. 75 kg for a 926 × 2040 mm leaf without vision panel
Finishes (primed)	White primer, ready for site decoration
Finishes (veneer)	Light oak, dark oak, grey oak, walnut
Vision panel	Optional, 200 × 300 mm lead glass
Fire rating	None (see Fire rating below)
Acoustic rating	None

Prices from £2,399 inc. VAT (primed, no vision panel). Full pricing is on the online configurator.

Fire rating

Not fire rated. Lead-lined doors cannot carry a fire rating.

Before you order, add the door to your practice's fire risk assessment. Ask your fire risk assessor to confirm:

- the X-ray room door does not need to be a fire door in your building
- escape routes and fire compartments are not affected
- any extra measures you need, such as a door closer or added detection

Lead casing and mason's opening

The optional lead casing is supplied with the leaf as a matched set, finished to match the door. It costs £1,099 inc. VAT.

For door-and-casing orders we need the mason's opening (the structural wall opening) in three dimensions:

Dimension	Accepted range
Width	500–2500 mm
Height	1800–3000 mm
Depth (wall thickness)	75–400 mm

The mason's opening must be larger than the door leaf in both width and height. We check this before production.

Handing and ironmongery

You choose the hinge side and swing direction when you order. Ironmongery is optional; leave it off to supply your own.

Item	Specification	Price (inc. VAT)
Handing	Left or right hinge, opening into the room or towards the corridor	Included
Hinges	3 × 100 × 75 mm (4 in) stainless steel heavy-duty ball-bearing butt hinges, fitted	Part of the ironmongery set
Ironmongery set	Hinges as above, satin anodised aluminium (SAA) pull handle, SAA push plate	£106.80
Door closer	Overhead closer, fitted on the hinge side	£118.80

Ordering, delivery and installation

Doors arrive 3–4 weeks after order on mainland UK, on a tracked pallet. You arrange installation with your own fitter or contractor.

Delivery zone	Lead time	Delivery (inc. VAT)
Mainland UK	3–4 weeks	£360
Scottish Highlands and Islands	3–5 weeks	£480
Northern Ireland and Republic of Ireland	4–5 weeks	£600

- Full payment is taken at order. Doors are made to measure and are non-refundable.
- We call you after ordering to confirm shielding, sizes and site details.
- Upload your RPA's Review of Plans when you order so we build to the right specification.
- Emailed quotes hold their price for 30 days.
- Order online at thexraydoorcompany.co.uk/configure

Specifications marked "approx." are typical values and vary with door size and options. We may update this specification as products improve. Confirm critical figures with us before you order. Prices include VAT at 20%.