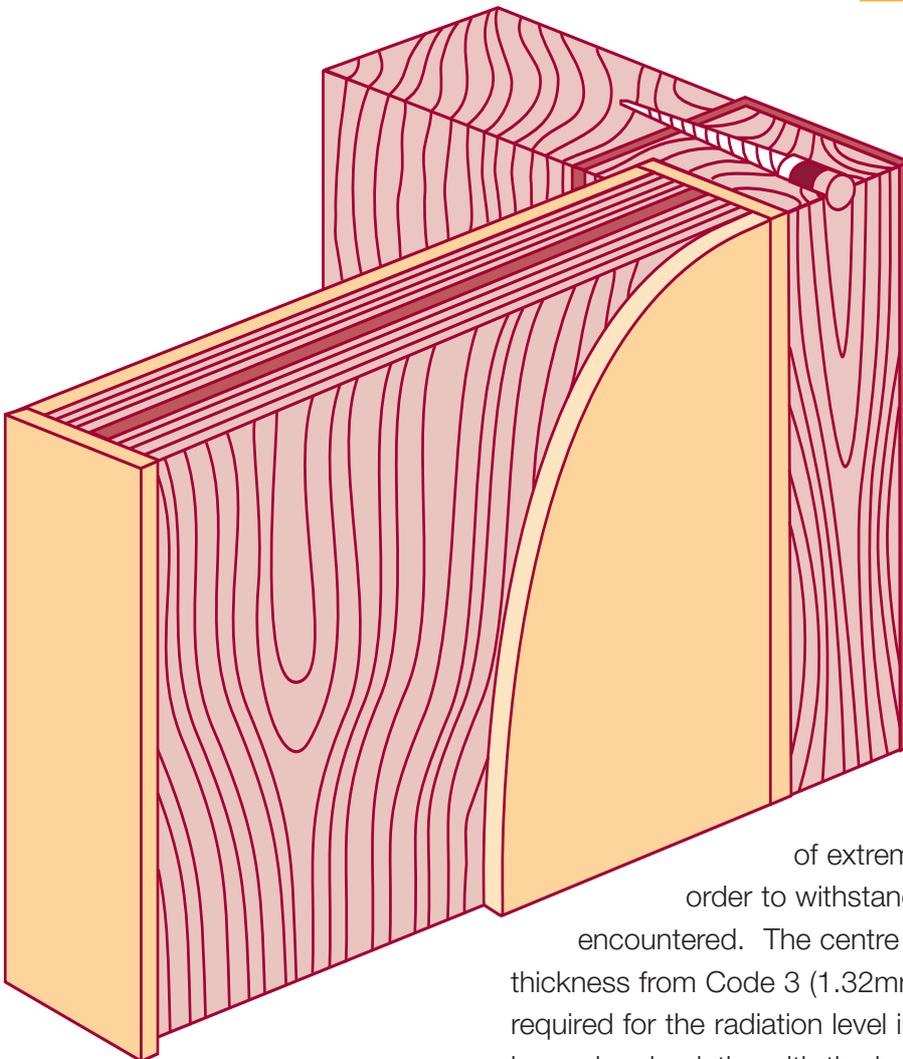


# series 8 x-ray doorsets



Noberne X-Ray Doors are of extremely robust construction in order to withstand the hard usage frequently encountered. The centre lead membrane can be any thickness from Code 3 (1.32mm) up to Code 7 (3.15mm) as required for the radiation level involved. Pairs of doors must have clapping laths with the lead to the back of the lath. Glazing apertures can be provided subject to the use of radiation shielding glass. Frames for X-RAY doors must also incorporate lead membranes and, for this reason, we prefer to supply both doors and frames as complete units. X-RAY doors and frames must not be perforated.

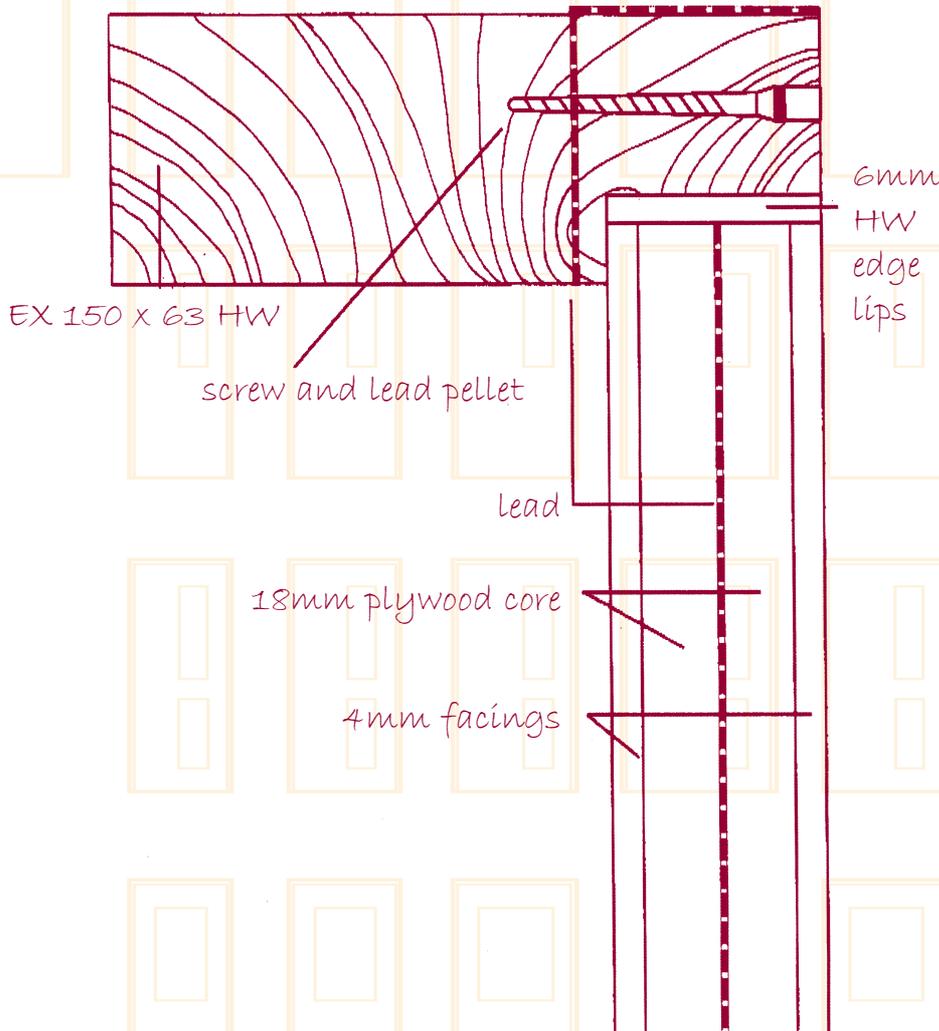


*"The ground breaking design of the Sage Music Centre Gateshead, meant that this was going to be a complex job from the start, so we were keen to work with our preferred specialist door supplier Noberne, for we knew they would be reliable and hard working.*

*We experienced some difficulties, due to the demands of the building, but Noberne worked in close partnership with us to ensure that the required designs were achieved. They had the right product range and experience, which meant they took everything in their stride, becoming an integral part of our team."*

GARY ABRAHAMS, MANAGING DIRECTOR, ABRAHAMS & CARLISLE

Illustrations are not to scale



### Specification

Core of 2 No. 18mm plywood sheets separated by a lead membrane of a thickness in keeping with anticipated radiation level. Doors faced with 4mm MDF or high density chipboard to receive veneers; laminate; 6mm hardwood lippings to both long edges and top and bottom edges. Standard door frame section EX 150mm x 63mm hardwood. Thickness with Code 5 lead 46mm. Fire rated doors are 54mm thick where vision panels are required.  
TOLERANCE  $\pm 2\text{mm}$ .  
Average weight 54 kg/m<sup>2</sup>.

### Acoustics

Tested to achieve a minimum 35dB Rw for single leaf, single action doorsets at Salford University in conjunction with appropriate acoustic seals.

### Availability

Noberne X-RAY doors are available as single or pairs of doors in a large range of sizes and finishes to suit customers' requirements.

### Fire rating

We have full EN 1634-1 2000 fire test evidence on singles 2045mm x 1053mm wide, and on pairs 2250mm x 1003mm wide each leaf up to 2230mm x 918mm. We can achieve a maximum glazed area of 0.32m<sup>2</sup> in 54mm thick doors. Further details are available on request.



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