



INSTALLATION DETAILS

LEAD LINED WOOD ASTRAGALS

Purpose:

An astragal is installed as a part of the shielding system of a pair of lead lined doors. The astragal is a device to hold shielding lead in the space between the meeting stiles of the pair of doors, to prevent direct radiation from passing through the space. The standard width of the lead lined wood astragal is 2".

Lead Lined Wood Door Astragals:

When used with lead lined wood doors, the astragal is made of hardwood, selected to match the wood in the stile edges of the pairs. Lead is glued between two 1/4" thick pieces of either 2" or 3-1/2" wide hardwood, making a 1/2" thick assembly (plus lead thickness). The astragal is then smoothed and trimmed to match the finished length of the doors and the edges of the outer side are rounded for appearance.

Note: If plastic laminate faces are used on the door, the astragal will also be covered in plastic laminate. Its edges will be square, not rounded as in wood astragals.

The lead lined wood astragal is mounted on the in-swing side of the active leaf of the pair, flush with the top of the door leaf. It is drilled and countersunk in the field for mounting with screws supplied by the installer. Screws should be #8 x 1 1/4" long @ 12" on center (minimum), 4" from each end and hardware cutouts.

Installation:

After the lead lined wood doors have been hung, hold the astragal on the active leaf, overlapping the lock stile edge of the door by 7/8". Mark and drill pilot holes of the proper size in the astragal and into active leaf - Now oversize the holes in the astragal itself to avoid binding the mounting screws. Attach the astragal to the active leaf with customer supplied screws.

