

INSTALLATION INSTRUCTIONS

TELESCOPIC WALL VIEW FRAME

- 1) Set non-leded ('A') side of frame into rough opening on operator's side of partition
- 2) Level frame with blocking and secure with screws (provided, see Diagram 1).
- 3) Slide leded ('B') side of frame tightly against wall on X Ray side and into 'A'. Secure with screws provided as per diagram.
- 4) Set glass into frame. Use glazier's setting blocks along bottom (glass should NOT rest directly on frame).
- 5) Set removable stops with screws (provided). Use care and protective devices to prevent scratching glass.

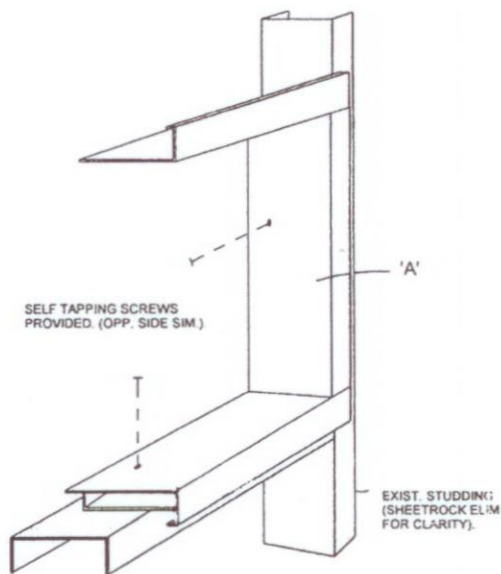


DIAGRAM 1

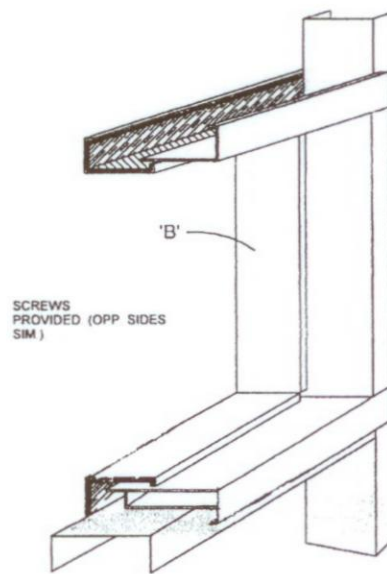


DIAGRAM 2

Notes:
ROUGH OPENING IS 1-1/2" LARGER THAN GLASS SIZE
(i.e. 24" x 36" GLASS SIZE = 25-1/2" x 37-1/2" ROUGH OPENING).



LX-57B X-RAY SHIELDING LEAD GLASS
TECHNICAL DATA SHEET

Materials

LX-57B is a lead barium type glass of high optical grade with over 60 percent heavy metal oxide, including at least 55 percent PbO. It offers high light transmission and does not discolor due to radiation. The hard polished surfaces have greater resistance to scratching.

Properties - 8mm LX-57B

Minimum density: 4.36
 Refractive index (Nd): 1.71
 Thermal expansion coefficient: $80 \times 10^{-7} / ^\circ\text{C}$ (30-380°)
 Mohs' hardness: 6

Thickness and Lead Equivalents

Thickness (mm)	8mm	11mm	14mm
Lead Equivalent (mmPb)	1.8 - 2.0	2.5 - 2.7	3.0 - 3.2
X-Ray Tube Peak (kV)	150	150	150
Lead Equivalent (lbs./sq.ft.)	4.2 - 4.6	5.8 - 6.2	6.9 - 7.4
Minimum Density (gm/cm ³)	4.36	4.36	4.36
Weight (lbs./sq.ft.)	7.1	9.8	12.5

To calculate the values of the range of "Lead Equivalent (lbs.sq.ft)", we converted from the values of the range of "Lead Equivalent (mmPb)" using the mentioned figures and rounded off the fractions to one decimal place. 1 foot = 30.48 cm / 1 pound = 453.59 gm / Density of lead = 11.3 (gm/cm³).

Standard Sizes

8 x 10	20 x 24
10 x 10/10 x 12	24 x 24/24 x 30/24 x 36/24 x 48
12 x 12/12 x 16/12 x 20/12 x 24	30 x 30/30 x 36
14 x 18	32 x 40
16 x 20/16 x 24	36 x 36/36 x 48/36 x 60/36 x 72/36 x 84/36 x 96
18 x 24/18 x 26	48 x 48/48 x 60/48 x 72/48 x 84/48 x 96

In addition to the above sizes, any size can be ordered up to 48" x 96".