

**VAMANCO AND
VARCLAD
ELEVATOR
DOORS.**

Our Vamanco Counterbalanced Doors (Patented) are *all-steel fire doors* for freight elevator shafts.

Our Varclad Elevator Doors are counterbalanced *tin-clad fire doors* for freight elevator shafts.

They are approved and labelled by the Underwriters' Laboratories of the National Board of Fire Underwriters.

(FACSIMILE OF UNDERWRITERS' LABEL)



**GENERAL
DESCRIPTION.**

Construction. Door is mounted in guides secured to inner face of the wall of the elevator shaft, and operates up and down in small space between elevator car and wall. It is made in two parts, or panels, connected with steel chains, which travel over ball-bearing sheaves housed in steel brackets that are bolted to the guides. Each panel of Vamanco Door is corrugated sheet steel, riveted to an angle frame, the frame being reinforced with special shaped vertical channels. Each panel of Varclad Door is wood, tin-clad, mounted in a frame of steel angles.

Guides. These are built of heavy steel angles mounted on face of wall inside shaft, one at each side of opening, where they are secured by through bolts.

Latch.—The latch is placed on inside of door, and it automatically engages catches on guides when door is closed. Door cannot be opened from floor side, making accidents impossible.

Operation.—The operation is manual from elevator car only. In opening, top panel moves up and lower panel down. Since the two panels are connected by chains, the weight of one panel is counterbalanced by the other, eliminating springs or counterweights. Slight friction of moving parts is the only resistance to be overcome in operating.

FLOOR HEIGHTS REQUIRED FOR
VAMANCO ELEVATOR DOORS.

Height of Door Opening	Distance Floor to Floor
11 ft. 0 in.	11 ft. 0 in.
5 ft. 0 in.	8 ft. 2 in.
5 ft. 3 in.	8 ft. 6 in.
5 ft. 6 in.	8 ft. 11 in.
5 ft. 9 in.	9 ft. 3 in.
6 ft. 0 in.	9 ft. 8 in.
6 ft. 3 in.	10 ft. 0 in.
6 ft. 6 in.	10 ft. 5 in.
6 ft. 9 in.	10 ft. 9 in.
7 ft. 0 in.	11 ft. 2 in.
7 ft. 3 in.	11 ft. 6 in.
7 ft. 6 in.	11 ft. 11 in.
7 ft. 9 in.	12 ft. 3 in.
8 ft. 0 in.	12 ft. 8 in.
8 ft. 3 in.	13 ft. 0 in.
8 ft. 6 in.	13 ft. 5 in.
8 ft. 9 in.	13 ft. 9 in.
9 ft. 0 in.	14 ft. 2 in.



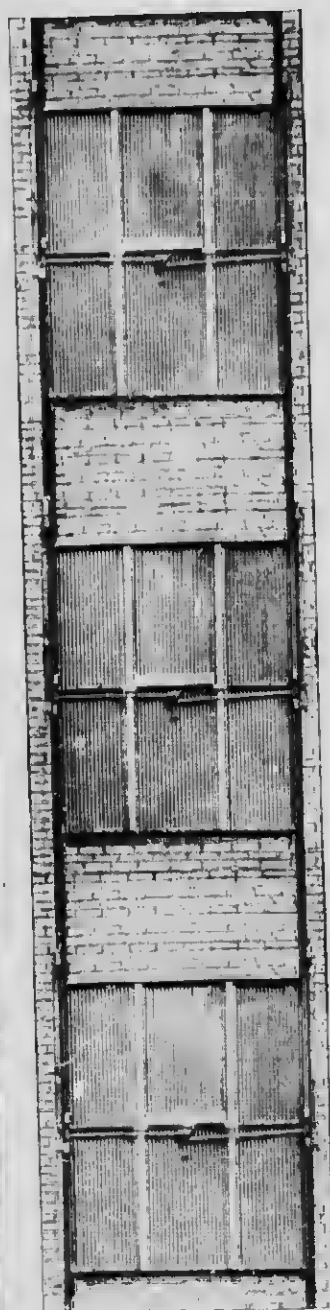
VAMANCO DOOR IN OPEN POSITION,
SHAFT SIDE.

Note top of lower panel is flush with sill, affording smooth surface for trucking. Trucking angles shown at each corner resting on sill.

Height.—All doors top 11 ft. and 3 1/2 inches above and below opening.

Explanation.—For an opening 7 feet high, add 3 1/2 times height of opening plus 8 inches equals 11 feet 2 inches, distance between floors.

Space required at sides of opening for guides is 5 inches. Sills furnished only when specified.



LINE OF VAMANCO DOORS IN ELEVATOR
SHAFT, ALL CLOSED.

Guides are continuous from top to bottom, making operation easy.