Insulation Line

INSTALLATION PROCEDURE

Doors

Soundproof Doors

Vicoustic

Innovative Acoustic Solutions

Installation Procedure

REQUIRED APPARATUS:

- Wooden wedges
- Twisted diamond drill bit Ø 8 mm
- Wall anchors
- Screws
- Glue
- Screw driver
- Hammer
- Paint + primer (optional)

INITIAL OBSERVATIONS:

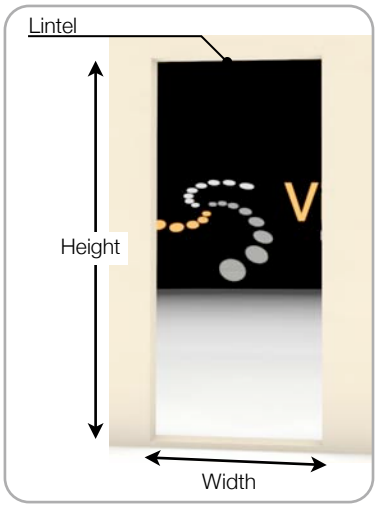
You should inspect the shipment and check for damage that may have occurred during transit. For example: damage caused by fork lifts, stacking, water stains etc. and disclose to delivery driver prior to signing for receipt. If damage is noticed, damage must be written, with signature on receipt from trucking company.

RECOMMENDED MEASUREMENTS FOR THE CONSTRUCTION SPAN:

Check the dimensions of the construction span, and make sure they are in accordance with the door´s technical specifications.

Play it safe and give it an extra 10mm.

Ensure the wall is strong enough to withstand the door´s weight. If necessary you should use a double metal stud construction with a wooden joists inside, on each side of the door, and reinforce the lintel.



MOUNTING THE FRAME (SIDE WITH HINGES):

You should place the door´s frame into position and fit in 4 wedges on the corners, maintaining the same gap on both sides of the frame.

Align the door´s frame on the vertical axis with a level and adjust the wedges.

Use a twisted diamond drill bit Ø 8 mm to make the perforations, this time, just on the side with the hinges.

Place the screws into the wall anchors and twist twice.

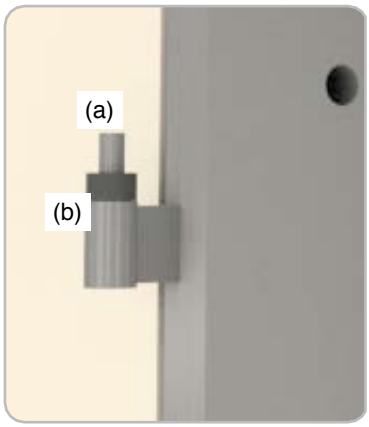
Place the wall anchors on the perforations giving a little tap with a hammer, and then screw them up totally.

MOUNTING DOOR ON THE FRAME:

Install the metal bolts (a) and nylon washers (b), like the image on the shows.

Then, you should lubricate the bolts with grease.

After that, carefully place the door onto the frame´s hinges.



MOUNTING THE FRAME (WITH SIDE THE DOOR-LOCK):

Close the door, right up against the frame, and lock the handle. Make sure it´s tight against the frame.

Ensure the door´s frame is aligned on the vertical axis with a level, and use the wooden wedges to secure the door´s frame tighly.

Use a twisted diamond drill bit Ø 8 mm to make the perforations, this time, just on the side with the door lock.

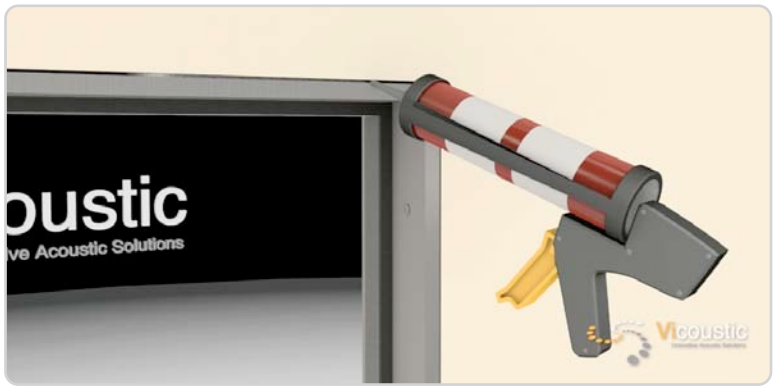
Place the screws into the wall anchors and twist twice.

Place the wall anchors on the perforations giving a little tap with a hammer, and then screw them up totally.

SEALING THE FRAME TO THE WALL:

Seal the frame to the wall, filling up the air gaps with the appropriate type of glue.
Make sure you fill in all the gaps, leaving the door properly secured.

You should not use polyurethane foam because it does not have the required mass, in order to guarantee the proper acoustic isolation.



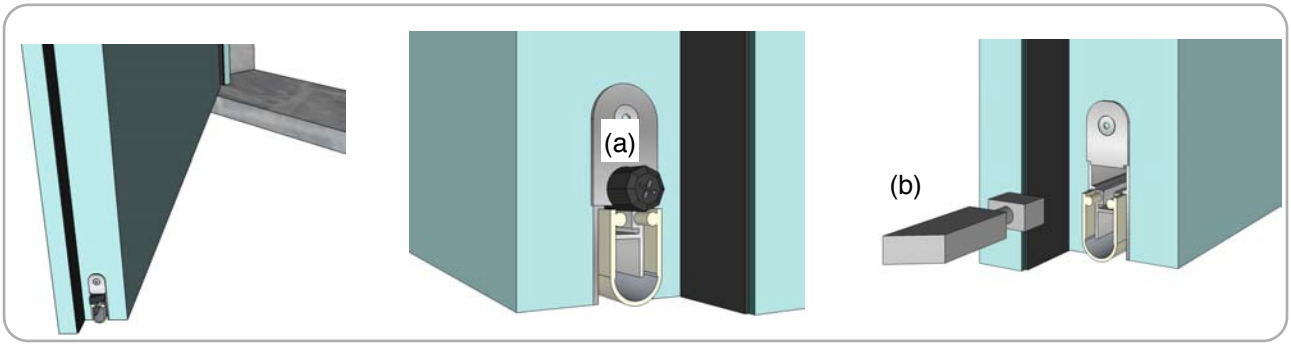
TUNING THE DOOR'S THRESHOLD (IF APPLICABLE):

Using a screwdriver, rotate the nylon pin (a) located on the bottom corner of the door. This way, it will hit the frame, lowering the threshold.

Using the pliers, remove the mechanism (b) and make the required tuning by holding one of the pieces and rotating the other. When you press, it will move the threshold away from the floor. If you loosen it, it will bring the threshold closer to the floor.

Tip: if you want to get the perfect tuning, you should use a piece of paper or a credit card below the door, in order to archive the best pressure.

Please make sure the floor is as flat as possible.



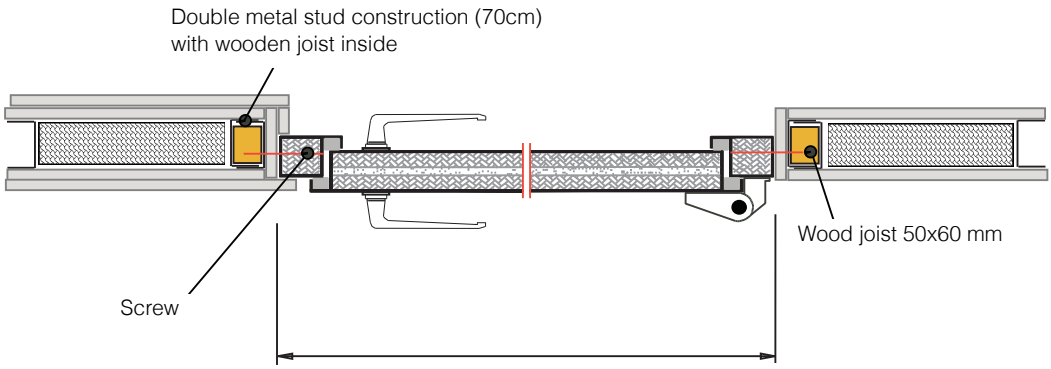
PAINTING AND MAINTENANCE:

The acoustic doors have an anti-corrosive treatment and grey finish. We can also provide the wooden finish as shown on the technical data sheet of each model.

If you want to paint the doors, you should apply a primer before painting. Check the paint´s technical data sheet to check which primer you should use, and the best way to apply the paint.

RECOMMENDED CONSTRUCTION SPAN MEASUREMENTS

Plan View:



Reference	Class	Doors	Rw	Free Clearance Measurements Width x Height (mm)	Door´s Outer Measurements Width x Height (mm)	Recommended Measurements for the construction Span (*) Width x Height (mm)	Finishing Material	Gross Weight (Kg)
V00447	Standard Studio Door	Single	40 dB	800 x 2000	925 x 2063	935 x 2073	Steel	60Kg
V00448	Standard Studio Door	Single	40 dB	850 x 2000	975 x 2063	985 x 2073	Steel	63Kg
V00449	Standard Studio Door	Single	40 dB	900 x 2000	1025 x 2063	1035 x 2073	Steel	66Kg
V00450	Standard Studio Door	Single	40 dB	950 x 2000	1075 x 2063	1085 x 2073	Steel	70Kg
V00451	Premmium Studio Door	Single	46 dB	700 x 2000	840 x 2140	850 x 2150	Steel	68Kg
V00452	Premmium Studio Door	Single	46 dB	800 x 2000	940 x 2140	950 x 2150	Steel	75Kg
V00453	Premmium Studio Door	Single	46 dB	900 x 2000	1040 x 2140	1050 x 2150	Steel	81Kg
V00454	Premmium Studio Door	Double	46 dB	1400 x 2000	1540 x 2140	1550 x 2150	Steel	113Kg
V00455	Premmium Studio Door	Double	46 dB	1600 x 2000	1740 x 2140	1750 x 2150	Steel	126Kg
V00456	Premmium Studio Door	Double	46 dB	1800 x 2000	1940 x 2140	1950 x 2150	Steel	139Kg
V00457	Premmium Studio Door	Single	46 dB	700 x 2000	870 x 2170	880 x 2180	Wood Cherry Finish	82Kg
V00458	Premmium Studio Door	Single	46 dB	800 x 2000	970 x 2170	980 x 2180	Wood Cherry Finish	91Kg
V00459	Premmium Studio Door	Single	46 dB	900 x 2000	1070 x 2170	1080 x 2180	Wood Cherry Finish	99Kg
V00460	Premmium Studio Door	Double	46 dB	1400 x 2000	1570 x 2170	1580 x 2180	Wood Cherry Finish	141Kg
V00461	Premmium Studio Door	Double	46 dB	1600 x 2000	1770 x 2170	1780 x 2180	Wood Cherry Finish	158Kg
V00462	Premmium Studio Door	Double	46 dB	1800 x 2000	1970 x 2170	1980 x 2180	Wood Cherry Finish	175Kg
V00463	EXTREME Studio door	Single	52 dB	700 x 2000	880 x 2180	890 x 2190	Steel	113Kg
V00464	EXTREME Studio door	Single	52 dB	800 x 2000	980 x 2180	990 x 2190	Steel	124Kg
V00465	EXTREME Studio door	Single	52 dB	900 x 2000	1080 x 2180	1090 x 2190	Steel	135Kg
V00466	EXTREME Studio door	Double	52 dB	1400 x 2000	1580 x 2180	1590 x 2190	Steel	190Kg
V00467	EXTREME Studio door	Double	52 dB	1600 x 2000	1780 x 2180	1790 x 2190	Steel	211Kg
V00468	EXTREME Studio door	Double	52 dB	1800 x 2000	1980 x 2180	1990 x 2190	Steel	233Kg

(*) Can (and should) vary depending on the type of surrounding wall and its dimensional tolerances.