

Sound Transmission Class (STC) – VTOonline® Training

This document is intended to be used in conjunction with the STC Door Chart (brochure VTSTC-0711) which is accessible via VT's website, www.vtindustries.com. Go into Architectural Wood Doors. On the bottom right go into Technical Information. Then on any of the following tabs Flush Wood Veneer, High Pressure Decorative Laminate, or OPG, in the Acoustical Doors section you will find the STC Door Chart.

On the VTOonline Door Entry screen, the "STC Void" check box has been changed to "STC Unknown" and an STC button has been added. When this is checked, the standard door construction is being used but something being entered may affect the actual STC rating achieved. This could be something like hardware or opening type.

Pressure:	NON RATED	Frame:	HOLLOW METAL	Lock:	UNFINISHED
Opening:	SINGLE	Rating:	NON RATED	Bottom:	SEALED
Door Type:	5502 WV PC-5	Stile Fin: Hinge:	UNFINISHED	Lead:	NONE
Finish Color:	NOT APPLICABLE	Rail Fin: Top:	SEALED	STC:	NONE
Color#:	NONE	Finish Serial#:		<input type="checkbox"/> STC Unknown	<input checked="" type="checkbox"/> STC

If an STC rating other than NONE is selected, you need to click on the STC check box to open up the STC Entry screen.

Return

STC Surface Applied Items

Project #: 20110304036 - 0017 **SFC RULES**
Door #: 0000

Door Bottom: Supplied By <input checked="" type="radio"/> Customer <input type="radio"/> VT <input type="text"/>	Gasketing: Supplied By <input checked="" type="radio"/> Customer <input type="radio"/> VT <input type="text"/>
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Save

- Mortise Door Bottoms and Gasketing for Door Types 1240, 5540, 1P40, 5P40 with STC Rating 39 are always supplied by VT.
- Mortise Door Bottoms on Door Types 1250, 5550, 1P50, 5P50 will always be supplied by VT.

With our new STC approvals, customers now have the option to supply some surface applied door bottoms and/or gasketing.

On the STC Entry screen, the system automatically limits the door bottoms and gasketing displayed based on the Door Type and STC Rating Selected.

Select if the door bottom is to be supplied by the Customer or by VT.

Select the door bottom from the drop down list for door bottoms.

Door Bottom:
Supplied By
 Customer VT
DHSI SURFACE SWEEP #CS
PEMKO 234 APV 48 INCH
PEMKO 234 APV 36 INCH

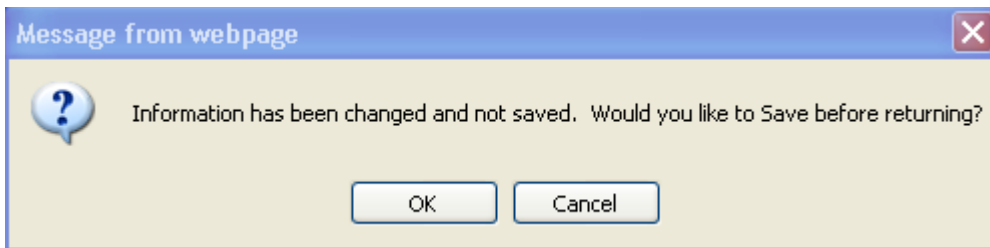
Once the door bottom is selected, select if the gasketing will be supplied by the Customer or by VT.

Select the gasketing from the drop down list for gasketing.

Gasketing:
Supplied By
 Customer VT
Pemko S88
Pemko S88

Clicking on the Save button will save the options selected and return to the Door Entry screen.

Clicking on the Return button will return to the Door Entry screen. If any changes have been made, the system will prompt you with the following message:



If you want to save the changes, click on OK else click on Cancel to disregard any changes.

Some changes were made regarding how the STC-39 and STC-45 doors need to be keyed into the system. If the door is to have a mortised door bottom, the hardware selected on the door must include the door bottom prior to going into the STC Entry screen. If the door bottom is not found in the hardware, error 3049 – MORTISE DOOR BOTTOMS MUST BE ENTERED IN THE HARDWARE will be displayed. If you receive error 3049, return out of the STC Entry screen and correct the hardware.

NOTE: Anything mortised will need to be keyed in hardware. Anything surface applied will only need to be entered in the STC Entry screen.

In regards to the surface applied door bottoms, when in the STC Entry screen, if a Pemko door bottom is selected you will need to select the specific size door bottom needed. There are **no** error checks to ensure the proper length has been selected for the door size keyed.

Many of the new STC approvals require two acupads to be applied. Acupads, which may also be referred to as corner pads, are used in the corner of a frame to seal against light and air. Our system will automatically calculate how many are required for the door type, STC rating, door bottom and gasketing selected. Who supplies the acupads will be the same as who is supplying the gasketing.

Examples of reports

NOTE: If the STC Unknown check box is marked on the Door Entry screen, reports will display UNK after the STC Rating.

Customer submitted Estimate Summary, Formal Quotes, Quick Quotes, and Final Order Acknowledgements with details

Quantity: 2	Opening Type: PAIR / SGL EGR - ACTIVE	Sequence: 2
Door Type: STC-45(5550-02-02)	Size: 03-00 X 08-00 X 01 03/04	Fire Rating: NON RATED
Lead: NONE	Pressure: NON RATED	Frame: HOLLOW METAL
Astragal: NONE		
Face Material: OAK RED PL SL (FC) A GR SLIP BAL PR		
Edge Material: OAK RED 1/16 INCH		
Stile Material: STRUCTURAL COMPOSITE		
Rail Material: STRUCTURAL COMPOSITE		
Stile Finish: FINISHED		
Rail Finish: SEALED		
Door Finish: CUSTOM		

STC:	45 UNK
GASKETING:	SUPPLIED BY VT DOUBLE LAYER S88
DOOR BOTTOM:	SUPPLIED BY VT PEMKO 434
ACU PAD:	SUPPLIED BY VT 2

Invoices

VT CUSTOMER #	SHIP VIA	DATE	VT SHOP ORDER	VT SALES REP	CUSTOMER PO#	TERMS	
00	CCX	07/09/2010	2447	121	758-W	1% 30 DAYS, NET 31	
LINE ITEM#	QUANTITY ORDERED	QUANTITY SHIPPED	DESCRIPTION			UNIT PRICE	AMOUNT
1	2	2	STC-45 (5050-02-02) 02 11 11/16 X 07 09 05/16 X 01 03/04 MAPLE WH QTR SL AA GR CTRLD WD SLIP CTR BAL STC: 45				

Packing Slips

QTY. ORD.	PREV. SHIP	QTY. SHIP	QTY. B.G.	ITEM	DESCRIPTION
6		3	3	5050-2	POLYWRAP DOORS WV STC-45
6		3	3	VP01	P\$ MAPLE WH / P\$ MAPLE WH 191 S105 T-FRAME 5/8 IN GLASS VENEER
18		18		GS01	WHITE MAPLE VENEER 12-00/00 X 74-01/02 GASKET SEALS

