



VT ARCHITECTURAL WOOD DOORS

ENGINEERING SPECIFICATIONS

Sizes: Min. 2'-0" x 6'-0", Max. 4'-0" x 10'-0"

Thickness: 1-3/4"

Frame: Tested in grouted steel frame, must be installed in frame that will maintain the acoustical rating

Stiles: Meets WDMA Extra Heavy Duty I.S. 1A Performance Level

Faces: Wood Veneers, MDO, High-Pressure Decorative Laminate, Vinyl

Latching Hardware: Single Point Latch

Hinges: Level Swing - Butt Hinges

LEED® Contributions: MR4 - Recycled Content, EQ4.4 - No Added Urea-Formaldehyde

Standards: ASTM E90, E413

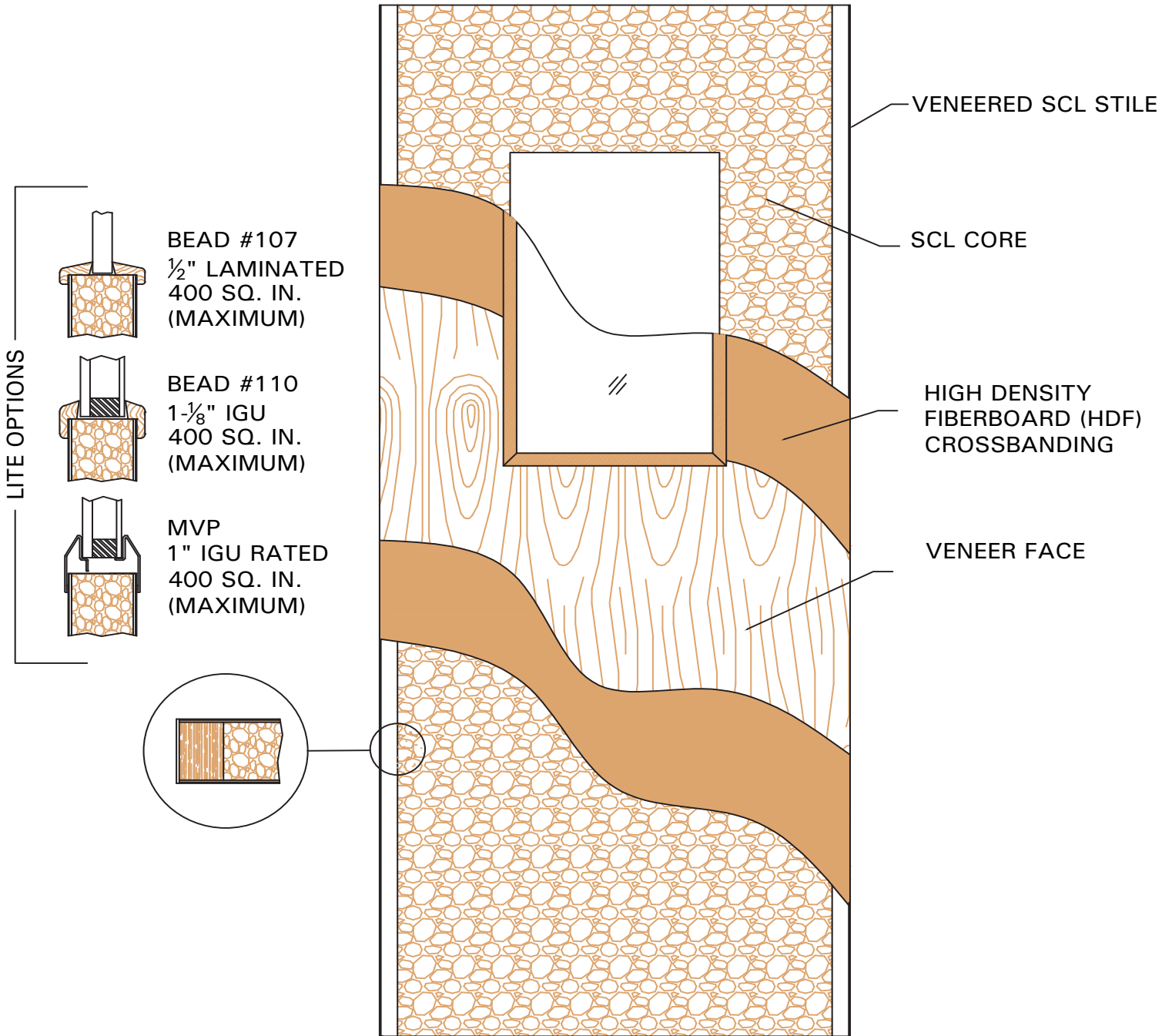
| SINGLE SWING FLUSH DOORS | STC 32 | | | | STC 33 | STC 37 |
|--------------------------|-------------------------------|-----------------------------|----------|-------------------|----------------------|--|
| Fire-Rating | N/A | | 20-Min | | 20-Min | N/A |
| Lites | Bead: 110 1-1/8" NR IGU | Bead: 107 1/2" Laminated | N/A | | N/A | Bead: 107 1-1/8" NR IGU Full Lite - 47% min area |
| | 400 sq. in. max | | | | | |
| Gasket Systems | I | | N | I | Q | I |
| Test Report | TL06-059 TL03-013 | TL06-059 TL03-012 | TL06-059 | 100534284CRT-001b | TL06-059 TL97-313 | 100534284CRT-001n TL05-052 |
| Weight Per Square Foot | 6.9 lbs. | | | | | 5.9 lbs. |

| ACTIVE ACTIVE PAIRED FLUSH DOORS | STC 31 |
|----------------------------------|-----------|
| Fire-Rating | 20-Minute |
| Lites | N/A |
| Gasket Systems | K |
| Test Report | TL11-112 |
| Weight Per Square Foot | 6.4 lbs |

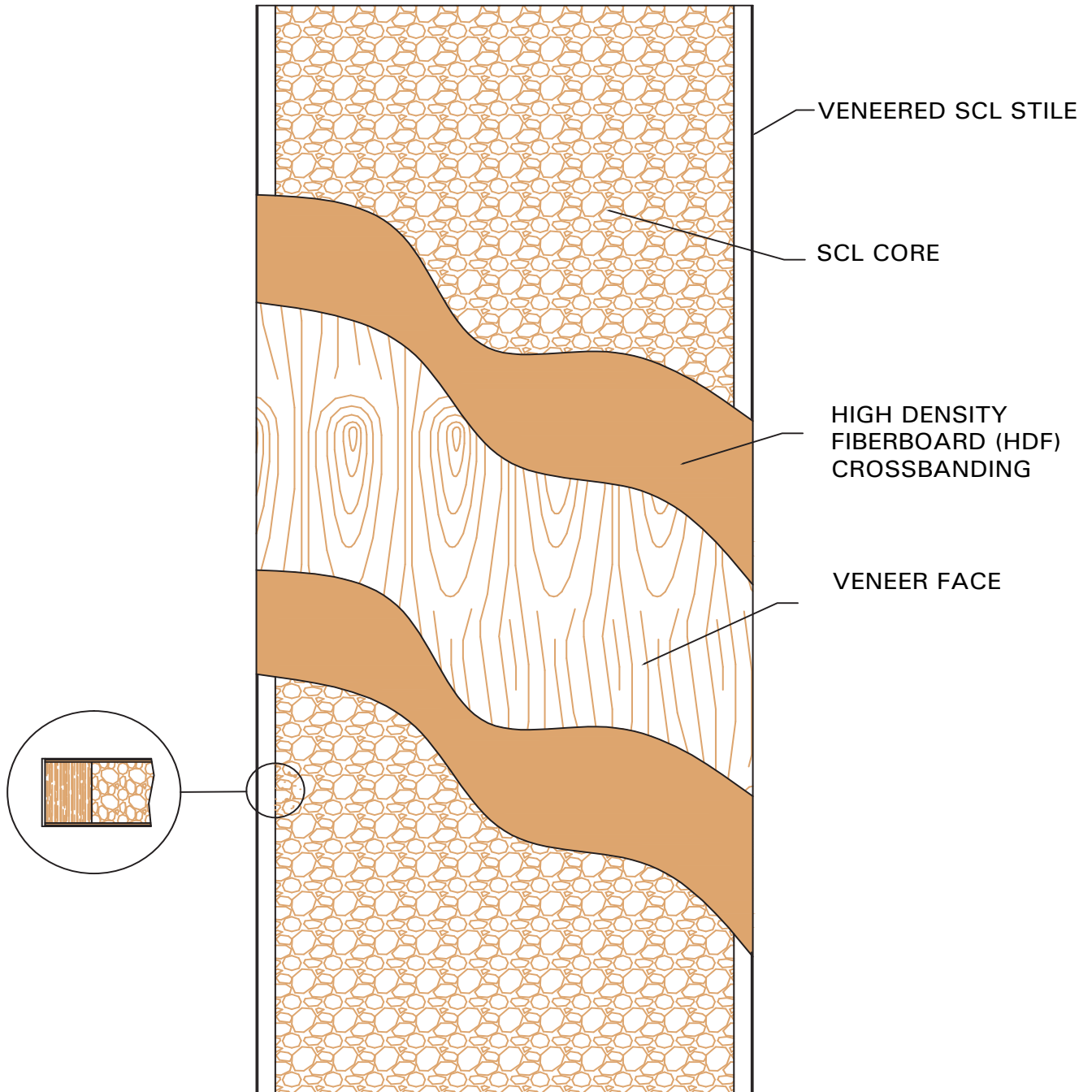
* Test conducted with top latching surface hardware.

| SPECIALTY FLUSH DOORS | STYLUS FLUSH |
|------------------------|--------------|
| | STC 32 |
| Fire-Rating | 20-Minute |
| Lites | N/A |
| Gasket Systems | I |
| Test Report | TL07-057 |
| Weight Per Square Foot | 6.2 lbs |

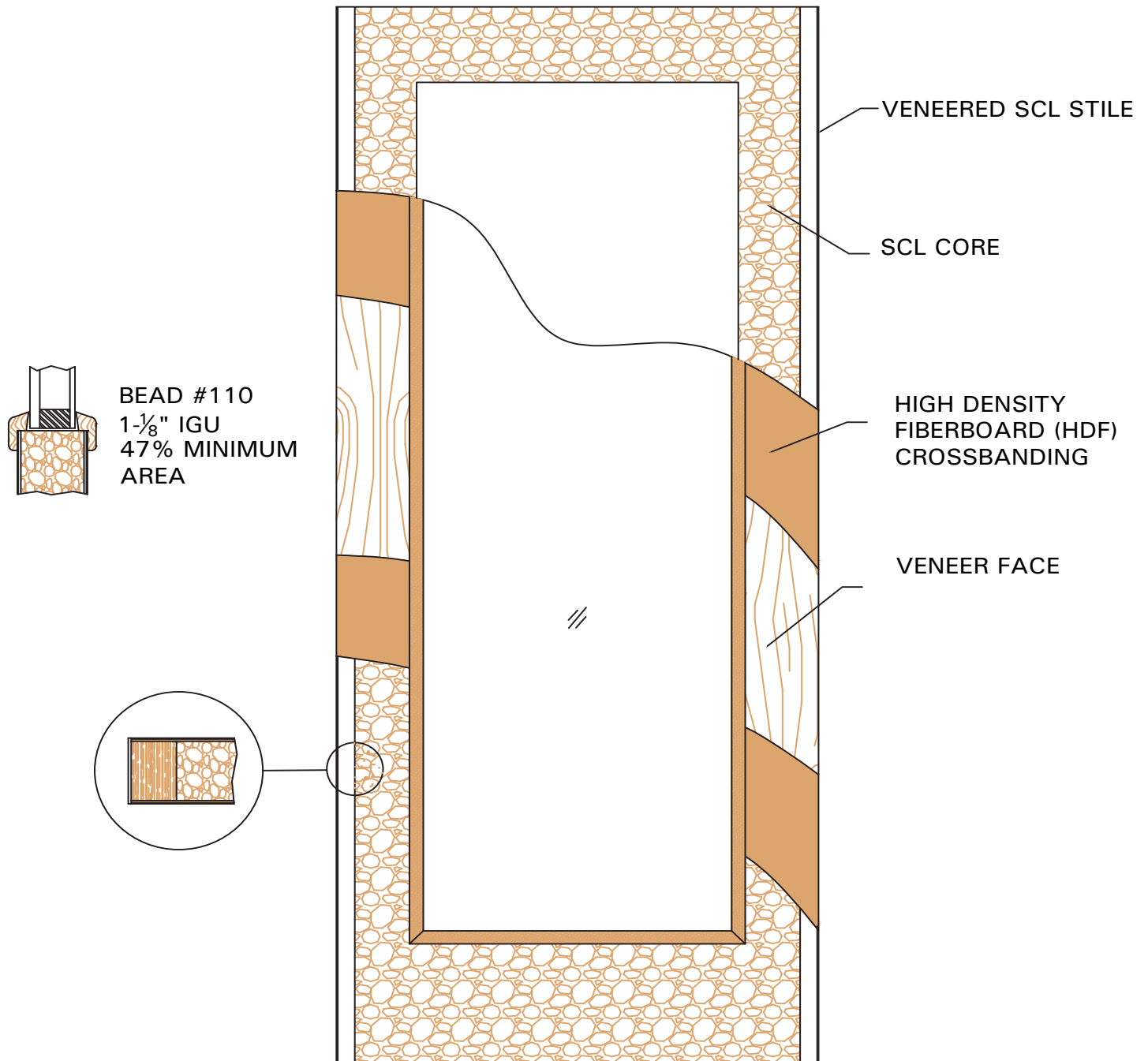
DOOR ELEVATION - STC 32 SG SCL



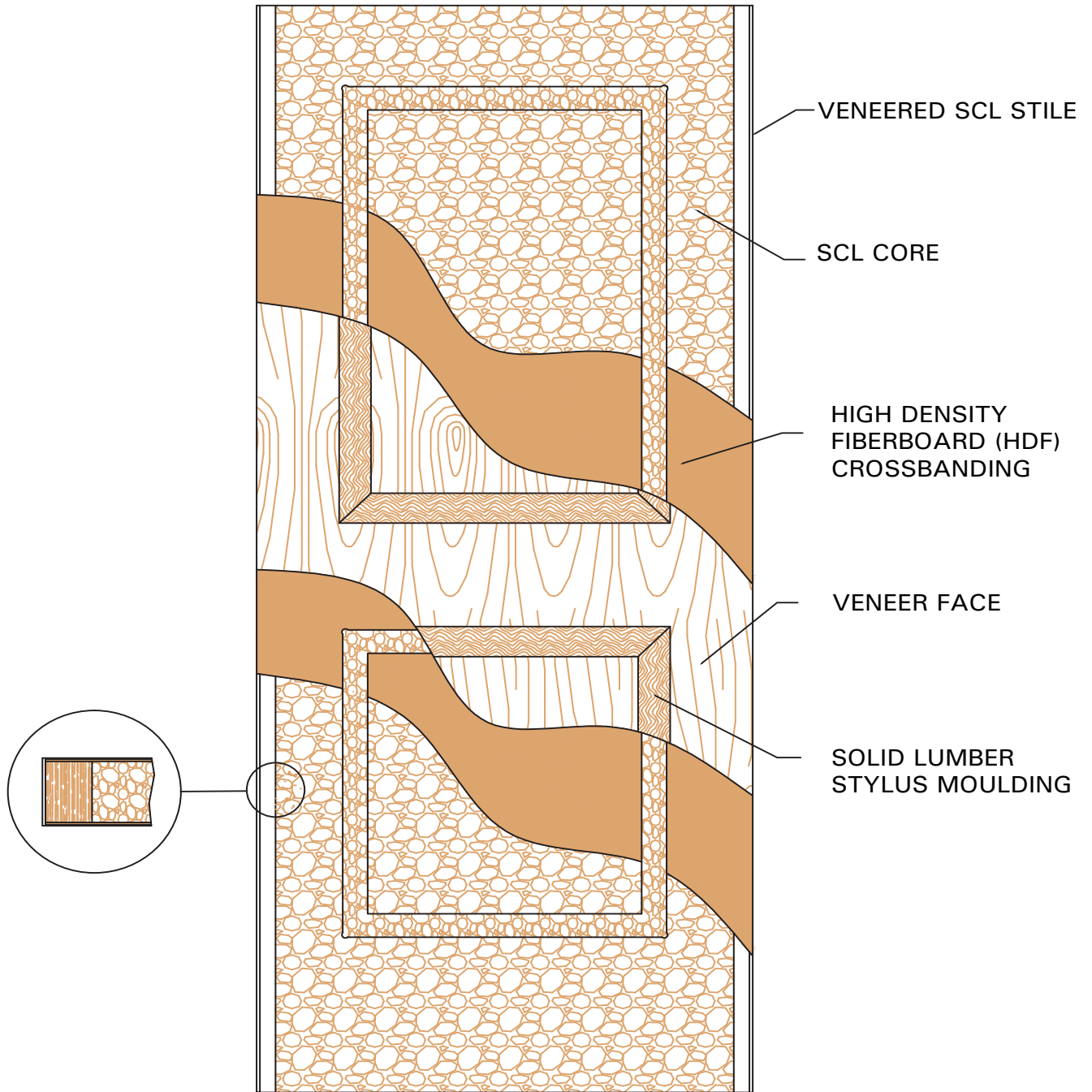
DOOR ELEVATION - STC 32/33 SGSC



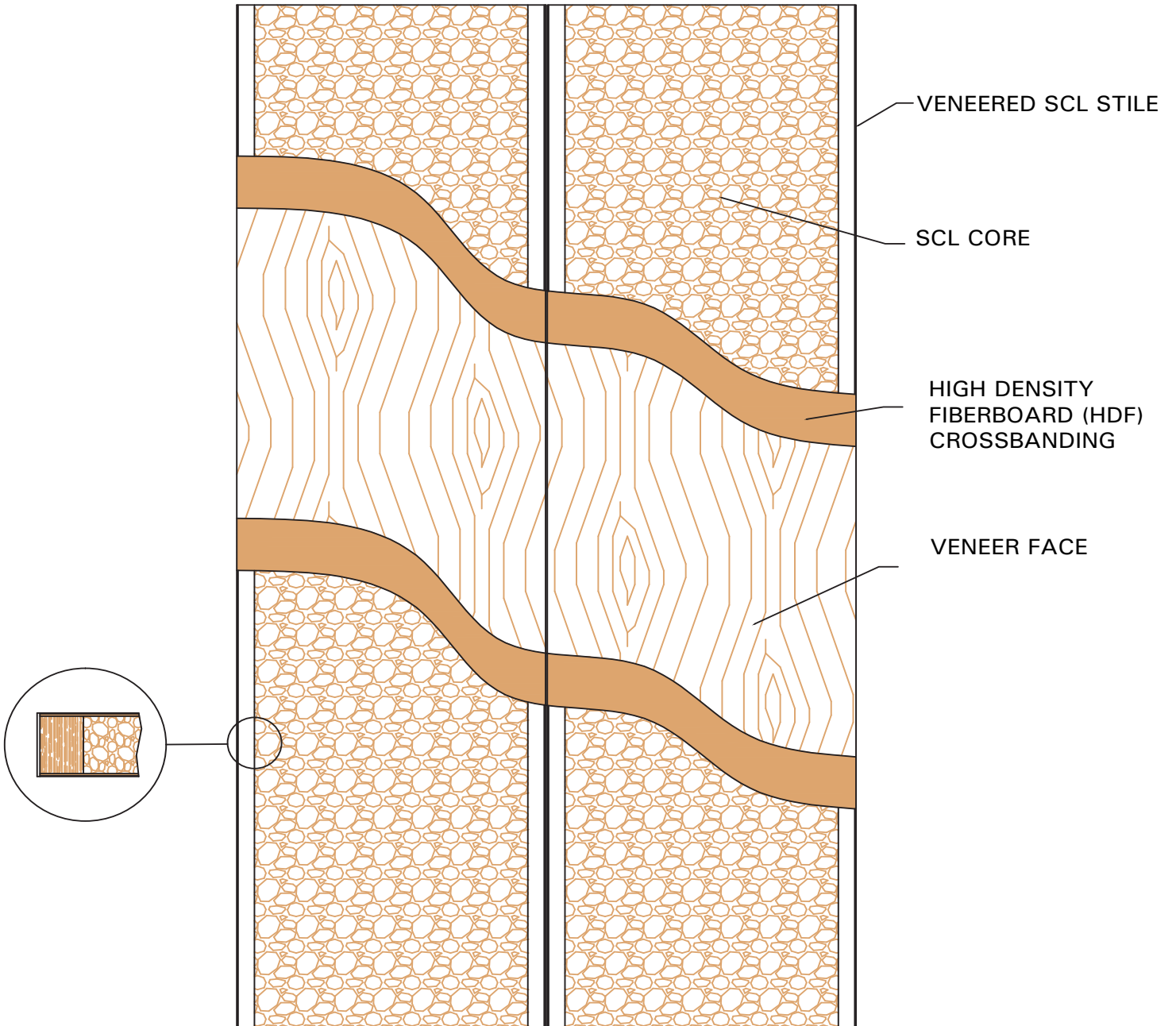
DOOR ELEVATION - STC 37 SG SCL



DOOR ELEVATION - STC 32 STYLUS SGSC

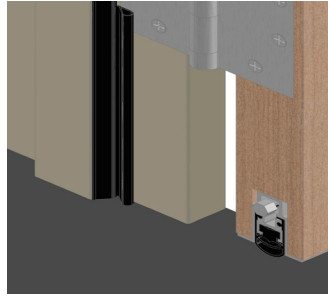
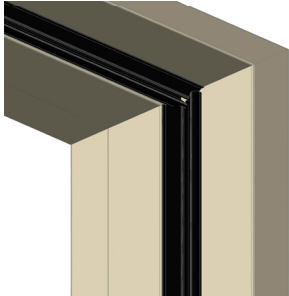


DOOR ELEVATION - STC 31 PAIR SGSC



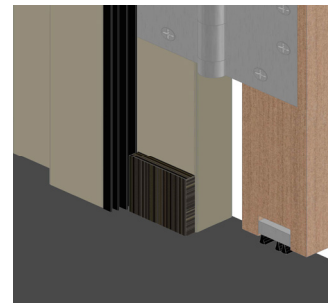
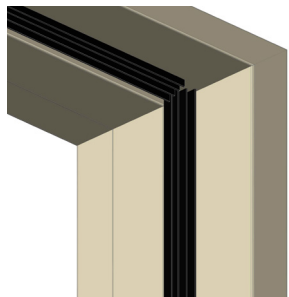


GASKETING SYSTEMS



Gasket System I

- Double row Pemko S-88 adhesive gasketing
- Zero 369 automatic door bottom
- Required Undercut - 5/8"



Gasket System N

- DHSI 105 - "Cush 'N' Seal"
- DHSI AMDB3-3 - Adjustable Mortise Door Bottom
- DHSI DP - Decibel Plug
- Required Undercut - 1/4" to 3/8"

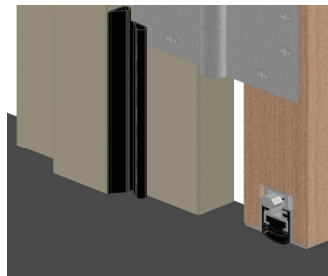
Please Note - VT's standard offering for the Pemko 434 is the ARL seal and for the Pemko 2005 is the AT seal.

DHSI DP - Decibel Plugs

DP .375 (3/8") - Solid Wood Edge Option (SWE)

DP .250 (1/4") - Full width mortise

Please see www.dhsi-seal.com for more information on DHSI seals and gaskets.



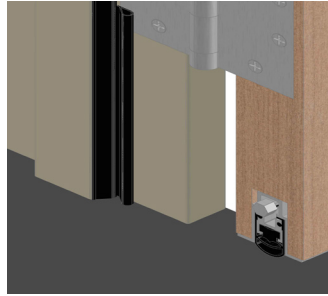
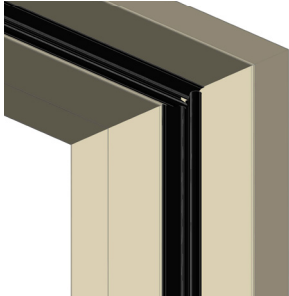
Gasket System K

- Double row Pemko S-88 adhesive gasketing and pad¹ on frame
- Zero 369 automatic door bottom
- Pemko S-1125 (proprietary) adhesive gasketing on each meeting edge
- Required Undercut - 5/8"

¹VT used a 1/4" adhesive-backed foam pad.



GASKETING SYSTEMS



Gasket System O

- Pemko 773 adhesive gasketing
- Pemko 234 door shoe
- 1/4" flat smooth threshold (i.e. Pemko 151)
- Required Undercut - 3/8"