ACOUSTICAL NOTES FOR FLUSH DOORS

1. STC rating will be voided: 1) Dutch cut, 2) pairs of doors, 3) fire rated with lite cutout.
2. A 20-minute label is not allowed on STC doors with lite cutouts.
3. The maximum rating of single, flush sound door is 20-minute. Pairs of doors cannot be rated.
4. Hardware preps requiring additional blocking will void warranty and STC rating, and may affect fire rating.
5. VT strongly recommends either painting or staining the stiles of high pressure decorative laminate STC doors in order for these doors to receive minor adjustments in the field.
6. VT's acoustical lite kit is included in standard pricing on non-rated STC doors requiring lites (See Model #105 on STC Door Accessories page). Maximum lite size 6”x36”.
7. VT's acoustical lite kit includes a wood T-frame insert and two sheets of 5/8” laminated glass.
8. In lieu of VT’s acoustical lite kit, another metal vision panel may be used (voiding STC rating). In this case please:
   1) specify glass thickness
   2) verify the use of double glazing
   3) advise whether T-frame will be used*
9. VT includes door bottoms and gaskets with STC doors.
10. To allow for gasketing application, the net door width of single STC doors is figured at 5/16” less than the opening width. (Example: The net width on a 3-0 door would be 2-11 11/16”. Also, the net height is less 3/16” from top of door in lieu of 1/8” (Example: the net height of a 7-0 door would be 6-11 13/16” with no undercut).
11. Acoustical doors are 1-3/4” thick, not 2-1/4”. Use a standard rabbeted hollow metal frame design.

*Glass and glazing supplied by others.
STC DOOR ACCESSORIES

MODEL #105
5/8" LAMINATED GLASS

WOOD T FRAME

#105 FLAT STEEL FRAME ATTACHED WITH WOOD SCREWS

STC RATED/TESTED STC 44

MODEL VLF-DG
1/4" GLASS

ACRYLIC ADHESIVE 2 PLACES

SILICONE OR ACRYLIC CAULK BED-2 SIDES

3/4" TEB WOOD FILLER STRIP
4 SIDES OF OPENING
DRILL FOR SCREWS (NOTE SAW KERFS ON DOOR SIDE)

SEAL NUT WITH CAULK

ALTERNATIVE LITE KIT
(NOT TESTED FOR STC RATING)

#434 MORTISED DOOR BOTTOM

29/32" 1-21/32"

TRIPLE BUBBLE GASKETING
**TOP RAIL:**
3-3/8" Structural Composite Lumber (SCL)

**VERTICAL STILES:**
1-3/8" Structural Composite Lumber (SCL) with mill option hardwood edge
Crossbands concealed at edge

**CORE:**
Composite Sound Core

**CROSSBANDS:**
Composite Board

**LAMINATE FACES:**
Vertical grade - standard (VGS)

**FINISHED THICKNESS:**
1-3/4" (+/- 1/16")

**BOTTOM RAIL:**
3-3/8" Structural Composite Lumber (SCL)

All dimensions shown are nominal before sanding, trimming and prefitting within industry standards. Specifications may be changed at manufacturer’s option. Profit and stock sizes available.

Blocking will void STC rating.

**DOOR FEATURES:**

- **Finish Type:** Woodgrains, Solid Colors & Patterns
- **Laminate Face:** Vertical grade - standard (VGS)
- **Vertical Edges:** (visible surface) Optional edges are: unfinished (-1), finished at factory (-2), and painted at factory (-4) with a mill option hardwood edges for staining or painting.
- **Cutouts:** 3-5/16" minimum distance between lite and lock cutout and 5" minimum distance from door edge.
- **Standard Bevel:** 1/8" in 2"
- **Clearances:** 1/8" top, 1/8" lock and hinge stiles. See NFPA-80 1-11.4, 1999 edition, for bottom clearances.

**DOOR STANDARDS:**

- **ANSIWDMA I.S. 1-A and AWI Section 1300 Quality Standards (Bonded Core).**
- **Top and bottom rails of door shall be factory sealed.**
- **Doors shall be clad in vertical grade standard high pressure decorative laminate, meeting or exceeding NEMA Standard LD3, Type VGS. Standard colors and patterns may be selected, or custom colors and patterns can be specified at additional cost.**
- **Sound ratings were achieved through testing at Riverbank Acoustical Laboratories in accordance with ASTM E90-90.**
- **Neutral pressure 20-minute Intertek/Warning Hersey fire labels shall be available within size and usage limitations. Fire-rated doors must use approved lite frames. Louvers are prohibited for 20-minute fire doors. A 20-minute fire rating will void STC doors with lite cutouts. Neutral pressure must be noted at time of bid.**
- **Cutouts for vision panels and louvers shall be made at the factory and shall be of sizes and locations as indicated on the drawings. Beige powder coated steel lite frames shall be furnished for lite openings unless otherwise specified. Special VT acoustical lite kits, including a wood T-frame and two sheets of 3/8" laminated glass, are furnished with all non-rated doors. Maximum size is 216 square inches, or 6" wide x 36" high.**
- **Hardware preparation: All cutouts for mortise hardware shall be made at the factory from hardware manufacturer’s templates and approved shop drawings.**
- **Doors shall be individually poly-bagged for protection in transit and storage periods, and shall be marked as per tag openings on shop drawings.**
- **Doors will be shipped complete with VT’s gasket and drop seal system.**

**WDMA PREMIUM GRADE EXTRA HEAVY DUTY DOOR**

Important:
This door requires a standard 1-15/16" rabbeted door frame.
TOP RAIL:
3-3/8" Structural Composite Lumber (SCL) with surface-applied intumescent

VERTICAL STILES:
1-3/8" Structural Composite Lumber (SCL) with mill option hardwood edge
Crossbands and intumescent concealed at edge

CORE:
Composite Sound Core

CROSSBANDS:
Composite Board

LAMINATE FACES:
Vertical grade - standard (VGS)

FINISHED THICKNESS:
1-3/4" (± 1/16")

BOTTOM RAIL:
3-3/8" Structural Composite Lumber (SCL)

All dimensions shown are nominal before sanding, trimming and prefitting within industry standards. Specifications may be changed at manufacturer’s option. Prices and stock sizes available.

Blocking will void STC rating.

Important:
This door requires a standard 1-15/16” rabbetted door frame.

WDMA PREMIUM GRADE EXTRA HEAVY DUTY DOOR

DOOR FEATURES:
Finish Type: Woodgrains, Solid Colors & Patterns
Laminate Face: Vertical grade - standard (VGS)
Vertical Edges: (visible surface) Optional edges are: unfinished (-1), finished at factory (-2), and painted at factory (-4) with a mill option hardwood edges for staining or painting.
Cutouts: 3-3/16" minimum distance between lite and lock cutout and 5" minimum distance from door edge.
Standard Bevel: 1/8" in 2"
Clearances: 1/8” top, 1/8” lock and hinge stiles. See NFPA-80 1-11.4, 1999 edition, for bottom clearances.

DOOR STANDARDS:
• ANSI/WDMA I.S. 1-A and AWI Section 1300 Quality Standards (Bonded Core).
• Top and bottom rails of door shall be factory sealed.
• Doors shall be clad in vertical grade standard high pressure decorative laminate, meeting or exceeding NEMA Standard LD3, Type VGS. Standard colors and patterns may be selected, or custom colors and patterns can be specified at additional cost.
• Sound ratings were achieved through testing at Riverbank Acoustical Laboratories in accordance with ASTM E90-90.
• Positive pressure 20-minute Intertek/Warnock Hersey fire labels shall be available within size and usage limitations. Fire-rat ed doors must use approved lite frames. Louvers are prohibited for 20-minute fire doors. A 20-minute fire rating will void STC doors with lite cutouts. Positive pressure must be noted at time of bid.
• Cutouts for vision panels and louvers shall be made at the factory and shall be of sizes and locations as indicated on the drawings. Beige powder coated steel lite frames shall be furnished for lite openings unless otherwise specified. Special VT acoustical lite kits, including a wood T-frame and two sheets of 3/8" laminated glass, are furnished with all non-rated doors. Maximum size is 216 square inches, or 6” wide x 36” high.
• Hardware preparation: All cutouts for mortise hardware shall be made at the factory from hardware manufacturer’s templates and approved shop drawings.
• Doors shall be individually poly-bagged for protection in transit and storage periods, and shall be marked as per tag openings on shop drawings.
• Doors will be shipped complete with VT’s gasket and drop seal system.
WOOD VENEER
COMPOSITE SOUND CORE • STC 39
MULTI-PLY CONSTRUCTION
NON-RATED OR 20-MINUTE

(Interior use only)

TOP RAIL:
3-3/8" Structural Composite Lumber (SCL)

VERTICAL STILES:
1-3/8" Structural Composite Lumber (SCL) with matching hardwood edge
Crossbands concealed at edge

CORE:
Composite Sound Core

CROSSBANDS:
Composite Board

FACES:
"A" grade wood veneer, unless otherwise specified

FINISHED THICKNESS:
1-3/4" (± 1/16")

BOTTOM RAIL:
3-3/8" Structural Composite Lumber (SCL)

All dimensions shown are nominal before sanding, trimming and prefitting within industry standards. Specifications may be changed at manufacturer's option. Profit and stock sizes available.

Blocking will void STC rating.

Important:
This door requires a standard 1-15/16" rabbeted door frame.

WDMA PREMIUM GRADE EXTRA HEAVY DUTY DOOR

DOOR FEATURES:

Finish Type: Permagard™ WDMA TR-6 or CP-6 Factory Finish available

Veneer Match: Book match standard, Slip or random available if specified.

Veneer Face Assembly: Running match standard. Center or balanced available if specified.

Pairs and Sets: Pair match, set match available

Doors/Transoms: Door and transom match

Vertical Edges: (visible surface) Matching hardwood finished at factory (-2) with edge-before-face construction. Optional edges: unfinished (-1) and stiles primed at factory (-9).

Cutouts: 3-3/16" minimum distance between lite and lock cutout and 5" minimum distance from door edge.

Standard Bevel: 1/8" in 2" (optional)

Clearances: 3/8" top, 1/8" lock and hinge stiles. See NFPA-80 1.11.4, 1999 edition, for bottom clearances.

DOOR STANDARDS:

• ANSI/WDMA I.S. 1-4 and AWI Section 1300 Quality Standards (Bonded Core).

• Top and standard rails of door shall be factory sealed.

• Doors shall be clad in WDMA premium "A" grade wood veneer with minimum thickness 1/42" before sanding. Both domestic and exotic hardwood species available for transparent finish. Mill option face material for opaque finish.

• Sound ratings were achieved through testing at Riverbank Acoustical Laboratories in accordance with ASTM E90/90T.

• Neutral pressure 20-minute Intertek/Warnock Hersey fire labels shall be available within size and usage limitations. Fire-rated doors must use approved lite frames. Louvers are prohibited in 20-minute fire doors. A 20-minute fire rating will void STC doors with lite cutouts. Neutral pressure must be noted at time of bid.

• Cutouts for vision panels and louvers shall be made at the factory and shall be of sizes and locations as indicated on the drawings. Special VT acoustical lite kits, including a wood T-frame and two sheets of 5/8" laminated glass, are furnished with all non-rated doors. Maximum size is 2'16" square inches, or 6" wide x 36" high.

• Hardware preparation: All cutouts for mortise hardware shall be made at the factory from hardware manufacturer's templates and approved shop drawings.

• Doors shall be individually poly-bagged for protection in transit and storage periods, and shall be marked as per tag openings on shop drawings.

• Doors will be shipped complete with VT's gasket and drop seal system.
WDMA PREMIUM GRADE EXTRA HEAVY DUTY DOOR

**DOOR FEATURES:**

- **Finish Type:** Permaguard™ WDMA TR-6 or CP-6 Factory Finish available
- **Veneer Match:** Book match standard, Slip or random available if specified.
- **Veneer Face Assembly:** Running match standard. Center or balanced available if specified.
- **Pairs and Sets:** Pair match, set match available
- **Doors/Transoms:** Door and transom match
- **Vertical Edges:** (visible surface) Matching hardwood finished at factory (-2) with edge-before-face construction. Optional edges: unfinished (-1) and stiles primed at factory (-9).
- **Cutouts:** 3 5/16" minimum distance between lite and lock cutout and 5" minimum distance from door edge.
- **Standard Bevel:** 1/8" in 2"  

**Clearances:** 1/8" top, 1/8" lock and hinge stiles. See NFPA-80 1-11.4, 1999 edition, for bottom clearances.

**DOOR STANDARDS:**

- **ANSI/WDMA I.S. 1-4 and AWI Section 1300 Quality Standards (Bonded Core). UBC 7-2-1997, Parts I and II. IBC 2000, UL 10C.
- **Top and bottom rails of door shall be factory sealed.**
- **Doors shall be clad in WDMA premium "A" grade wood veneer with minimum thickness 1/42" before sanding. Both domestic and exotic hardwood species available for transparent finish. Mill option face material for opaque finish.**
- **Sound ratings were achieved through testing at Riverbank Acoustical Laboratories in accordance with ASTM E90-90.**
- **Positive pressure 20-minute Intertek/Warmock Hersey fire labels shall be available within size and usage limitations. Fire-rated doors must use approved fire lute frames. Louvers are prohibited in 20-minute fire doors. Positive pressure must be noted at time of bid.**
- **Cutouts for vision panels and louvers shall be made at the factory and shall be of sizes and locations as indicated on the drawings. Special VT acoustical lite kits, including a wood T-frame and two sheets of 5/8" laminated glass, are furnished with all non-rated doors. Maximum size is 2 1/2 square inches, or 8" wide x 36" high.**
- **Hardware preparation: All cutouts for mortise hardware shall be made at the factory from hardware manufacturer's templates and approved shop drawings.**
- **Doors shall be individually poly-bagged for protection in transit and storage periods, and shall be marked as per tag openings on shop drawings.**
- **Doors will be shipped complete with VT's gasket and drop seal system.**

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VT5P40 - 1005
WDMA PREMIUM GRADE EXTRA HEAVY DUTY DOOR

DOOR FEATURES:

- **Finish Type:** Woodgrains, Solid Colors & Patterns
- **Laminate Face:** Vertical grade - standard (VGS)
- **Vertical Edges:** Visible surface. Optional edges are: unfinished (-1), finished at factory (-2), and painted at factory (-4) with a mill option hardwood edges for staining or painting.
- **Cutouts:** 3/32" minimum distance between lite and lock cutout and 5" minimum distance from door edge.
- **Standard Bevel:** 1/16" in 2".
- **Clearances:** 1/8" top, 1/8" lock and hinge stiles. See NFPA-80 1-11.4, 1999 edition, for bottom clearances.

DOOR STANDARDS:

- **ANSI/WDMA 1.5 and AWI Section 1360 Quality Standards.**
- **Top and bottom rails of door shall be factory sealed.**
- **Doors shall be clad in vertical grade standard high pressure decorative laminate, meeting or exceeding NEMA Standard LD3, Type VGS. Standard colors and patterns may be selected, or custom colors and patterns can be specified at additional cost.**
- **Sound ratings were achieved through testing in accordance with ASTM E90-90.**
- **Cutouts for vision panels and louvers shall be made at the factory and shall be of sizes and locations as indicated on the drawings. Special VT acoustical lite kits, including a wood T-frame and two sheets of 5/8" laminated glass, are furnished with all non-rated doors. Maximum size is 216 square inches, or 6" wide x 36" high.**
- **Hardware preparation: All cutouts for mortise hardware shall be made at the factory from hardware manufacturer's templates and approved shop drawings.**
- **Doors shall be individually poly-bagged for protection in transit and storage periods, and shall be marked as per tag openings on shop drawings.**
- **Doors will be shipped complete with VT's gasket and drop seal system.**
Additional blocking may effect STC rating.

**WDMA PREMIUM GRADE EXTRA HEAVY DUTY DOOR**

**DOOR FEATURES:**
- **Finish Type:** Woodgrains, Solid Colors & Patterns
- **Laminate Face:** Vertical grade - standard (VGS)
- **Vertical Edges:** Visible surface. Optional edges are unfinished (-1), finished at factory (-2), and painted at factory (-4) with a mill option.
- **Cutouts:** 3/16" minimum distance between lite and lock cutout and 5" minimum distance from door edge.
- **Standard Bevel:** 1/8" in 2"
- **Clearances:** 1/8" top, 1/8" lock and hinge stiles. See NFPA-80 1-11.4, 1999 edition, for bottom clearances.

**DOOR STANDARDS:**
- **ANSI/WDMA I.S. 1-1 and AWWA Section 1300 Quality Standards.**
- **Top and bottom rails of door shall be factory sealed.**
- **Doors shall be clad in vertical grade standard high pressure decorative laminate, meeting or exceeding NEMA Standard LB3, Type VGS. Standard colors and patterns may be selected, or custom colors and patterns can be specified at additional cost.**
- **Sound ratings were achieved through testing in accordance with ASTM E90-90.**
- **Neutral or positive pressure 20-minute Intertek/Warnock Hersey fire shall be available within size and usage limitations. Fire-rated doors must use approved fire frames. Louvers are prohibited for 20-minute fire doors. Doors with 20-minute fire rating and a lite cutout will void STC rating. Positive pressure must be noted at time of bid.**
- **Cutouts for vision panels and louvers shall be made at the factory and shall be of sizes and locations as indicated on the drawings.**
- **Hardware preparation: All cutouts for mortise hardware shall be made at the factory from hardware manufacturer's templates and approved shop drawings.**
- **Doors shall be individually poly-bagged for protection in transit and storage periods, and shall be marked as per tag openings on shop drawings.**
- **Doors will be shipped complete with VT's gasket and drop seal system.**
WOOD VENEER
SOUND ATTENUATION CORE • STC 45
MULTI-PLY CONSTRUCTION
NON-RATED

5550
VT Door Type
SR
(Interior use only)

- TOP RAIL:
  3 3/8" Structural Composite Lumber (SCL)

- VERTICAL STILES:
  1 3/8" Structural Composite Lumber (SCL) with matching hardwood edge
  Crossbands concealed at edge

- CORE:
  Sound Attenuation Core

- CROSSBANDS:
  Composite Board

- FACES:
  "A" grade wood veneer, unless otherwise specified

- FINISHED THICKNESS:
  1-3/4" (± 1/16")

- BOTTOM RAIL:
  3 3/8" Structural Composite Lumber (SCL)

All dimensions shown are nominal before sanding, trimming and prefitting within industry standards.
Specifications may be changed at manufacturer's option. Profit and stock sizes available.

Additional blocking may effect STC rating.

WDMA PREMIUM GRADE EXTRA HEAVY DUTY DOOR

**DOOR FEATURES:**

- Finish Type: Permaguard™ WDMA TR-6 or OP-6 Factory Finish available
- Veneer Match: Book match standard. Slip or random available if specified.
- Veneer Face Assembly: Running match standard. Center or balanced available if specified.
- Pairs and Sets: Pair match, set match available (Not STC tested)
- Doors/Transoms: Door and transom match (Transom bar required)
- Vertical Edges: (visible surface) Matching hardwood finished at factory (2) with
door-before-face construction. Optional edges are unfinished (-1) and
tiles primed at factory (-9).
- Cutouts: 3-5/16" minimum distance between lite and lock cutout and 5" minimum
distance from door edge.
- Standard Bevel: 1/8" in 2"
- Clearances: 1/8" top, 1/8" lock and hinge stiles. See NFPA-80 1-11.4, 1999 edition, for
  bottom clearances.

**DOOR STANDARDS:**

- ANSI/WDMA I.S. 1-A and AWA Section 1300 Quality Standards.
- Top and bottom rails of door shall be factory sealed.
- Doors shall be clad in WDMA premium "A" grade wood veneer with minimum thickness 1/42" before
  sanding. Both domestic and exotic hardwood species available for transparent finish. Mill option face
  material for opaque finish.
- Sound ratings were achieved through testing in accordance with ASTM E90-90.
- Cutouts for vision panels and louvers shall be made at the factory and shall be of sizes and locations as
  indicated on the drawings. Special VT acoustical lite kits, including a wood T-frame and two sheets of
  5/8" laminated glass, are furnished with all non-rated doors. Maximum size is 216 square inches, or 6" wide
  × 36" high.
- Hardware preparation: All cutouts for mortise hardware shall be made at the factory from hardware
  manufacturer's templates and approved shop drawings.
- Doors shall be individually poly-bagged for protection in transit and storage periods, and shall be
  marked as per tag openings on shop drawings.
- Doors will be shipped complete with VT's gasket and drop seal system.
**WOOD VENEER**
**SOUND ATTENUATION CORE • STC 45**
**MULTI-PLY CONSTRUCTION**
**20-MINUTE**

**TOP RAIL:**
3 3/8" Structural Composite Lumber (SCL) with surface applied intumescent

**VERITCAL STILES:**
1 3/8" Structural Composite Lumber (SCL) with matching hardwood edge
Crossbands and intumescent concealed at edge

**CORE:**
Sound Attenuation Core

**CROSSBANDS:**
Composite Board

**FACES:**
"A" grade wood veneer, unless otherwise specified

**FINISHED THICKNESS:**
1-3/4" (± 1/16")

**BOTTOM RAIL:**
3 3/8" Structural Composite Lumber (SCL)

All dimensions shown are nominal before sanding, trimming and prefurring within industry standards. Specifications may be changed at manufacturer’s option. Profit and stock sizes available.

Additional blocking may effect STC rating.

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**WDMA PREMIUM GRADE EXTRA HEAVY DUTY DOOR**

**DOOR FEATURES:**
Finish Type: Permaguard™ WDMA TR-6 or OP-6 Factory Finish available

Veneer Match: Book match standard. Slip or random available if specified.

Veneer Face Assembly: Running match standard. Center or balanced available if specified.

Pairs and Sets: Pair match, set match available (Not STC tested)
Doors/Transoms: Door and transom match (Transom bar required)

Vertical Edges: (visible surface) Matching hardwood finished at factory (-2) with edge-before-face construction. Optional edges are: unfinished (-1) and stiles primed at factory (-9).

Cutouts: 3 5/16" minimum distance between lite and lock cutout and 5" minimum distance from door edge.

Standard Bevel: 1/8" in 2"

Clearances: 1/8" top, 1/8" lock and hinge stiles. See NFPA-80 1-11.4, 1999 edition, for bottom clearances.

**DOOR STANDARDS:**
• ANSI/WDMA 1.S. 1-A and AWI Section 1300 Quality Standards.

• Top and bottom rails of door shall be factory sealed.

• Doors shall be clad in WDMA premium "A" grade wood veneer with minimum thickness 1/42" before sanding. Both domestic and exotic hardwood species available for transparent finish. Mill option face material for opaque finish.

• Sound ratings were achieved through testing in accordance with ASTM E90-90.

• Neutral or positive pressure 20-minute Intertek/Warnock Hersey fire labels shall be available within size and usage limitations. Fire-rated doors must use approved lite frames. Lites are prohibited in 20-minute fire doors. Doors with 20-minute fire rating and a lite cutout will void STC rating. Positive pressure must be noted at time of bid.

• Cutouts for vision panels and louvers shall be made at the factory and shall be of sizes and locations as indicated on the drawings.

• Hardware preparation: All cutouts for mortise hardware shall be made at the factory from hardware manufacturer’s templates and approved shop drawings.

• Doors shall be individually poly-bagged for protection in transit and storage periods, and shall be marked as per tag openings on shop drawings.

• Doors will be shipped complete with VT’s gasket and drop seal system.
WOOD VENEER
SOUND ATTENUATION CORE • STC 45
MULTIPLY CONSTRUCTION
NON-RATED

5050
VT Door Type
SR
(Interior use only)

- TOP RAIL:
  Structural Composite Lumber (SCL)

- VERTICAL STILES:
  Structural Composite Lumber (SCL) with matching hardwood edge

- CORE:
  Sound Attenuation Core

- CROSSBANDS:
  Composite Board

- FACES:
  "A" grade wood veneer, unless otherwise specified

- FINISHED THICKNESS:
  1-3/4" (+ 1/16")

- BOTTOM RAIL:
  Structural Composite Lumber (SCL)

All dimensions shown are nominal before sanding, trimming and prefitting within industry standards. Specifications may be changed at manufacturer's option. Profit and stock sizes available.

Additional blocking may effect STC rating.

WDMA PREMIUM GRADE EXTRA HEAVY DUTY DOOR

DOOR FEATURES:

- Finish Type: Permaguard™ WDMA TR-6 or CP-6 Factory Finish available
- Veneer Match: Book match standard. Slip or random available if specified.
- Veneer Face Assembly: Running match standard. Center or balanced available if specified.
- Pairs and Sets: Pair match, set match available
- Doors/Transoms: Door and transom match
- Vertical Edges: (visible surface) Matching hardwood finished at factory (-2) with edge-before-face construction. Optional edges are: unfinished (-1) and stiles primed at factory (-9).
- Cutouts: 3-5/16" minimum distance between lite and lock cutout and 5" minimum distance from door edge.
- Standard Bevel: 1/8" in 2".
- Clearances: 1/8" top, 1/8" lock and hinge stiles. See NFPA-80 1-11, 1959 edition, for bottom clearances.

DOOR STANDARDS:

- ANSI/WDMA I.S. 1-4 and AWI Section 1300 Quality Standards.
- Top and bottom rails of door shall be factory sealed.
- Doors shall be clad in WDMA premium "A" grade wood veneer with minimum thickness 1/42" before sanding. Both domestic and exotic hardwood species available for transparent finish. Mill option face material for opaque finish.
- Sound ratings were achieved through testing at Riverbank Acoustical Laboratories in accordance with ASTM E90-90.
- Cutouts for vision panels and louvers shall be made at the factory and shall be of sizes and locations as indicated on the drawings. Special VT acoustical lite kits, including a wood T-frame and two sheets of 5/8" laminated glass, are furnished with all non-rated doors. Maximum size is 216 square inches, or 6" wide x 36" high.
- Hardware preparation: All cutouts for mortise hardware shall be made at the factory from hardware manufacturer's templates and approved shop drawings.
- Doors shall be individually poly-bagged for protection in transit and storage periods, and shall be marked as per tag openings on shop drawings.
- Doors will be shipped complete with VT's gasket and drop seal system.