LIFT & SLIDE
SOLID WOOD
CONTENTS

1. TECHNICAL DESCRIPTION
2. TYPOLOGY
3. VERTICAL SECTION
4. HORIZONTAL SECTION
5. STANDARD TRACK
6. DRAINAGE TRACK
7. 1 1/4 INCH TRACK
8. 1 1/4 DRAIN TRACK
9. SURFACE MOUNT TRACK
10. HEADER TRACK
11. SIDE FRAME
12. PANEL INTERLOCK
13. CENTER MEETING STILE
14. POCKET INTERLOCK
15. CORNER POST
16. KICK PLATE

PANDA™
WINDOWS & DOORS
34-15 BELLINGTON RD. LAS VEGAS, NV 89102
PHONE: (702) 649-0700
WWW.PANDAWINDOWS.COM
FAX: (702) 649-0715

DRAWINGS AND LAYOUT BY
SHAWN M. HORNER
MMVIII
Designed for the luxury market the Panda Solid Wood Lift & Slide Door System is a beautiful compliment to any design that utilizes the warmth and elegance of wood. As with all of Panda's products these doors are made to order and offer a large variety of options to meet the needs of the discerning client.

Profiles:
The profiles are manufactured of an engineered solid hard wood core and wrapped with a ¼” wood veneer. The solid hard wood core increases the doors strength and longevity over other wood door systems. There are integrated aluminum extrusions in the wheel carriage and glazing cavities for more stability and strength. Each panel can be in excess of 70 sq ft with a maximum size for a panel being 10' wide and 12' tall.

Tracks:
There are 5 types of tracks available to accommodate almost any flooring condition. The standard tracks are recessed into the flooring leaving only a 3/16” rail exposed along the finished floor creating a seamless flow from the inside to outside living spaces. The top track serves only as a guide, all weight is carried on the bottom track.

Hardware:
The finest European made operating mechanisms and wheel carriages are used to ensure smooth operation and a long life. The wheel carriages are comprised of synthetic nylon wheels with encased stainless steel ball bearings and have a corrosion resistant treatment applied for high performance in coastal regions. Each carriage can support up to 550 lbs which allows a 1,100 lb panel to be supported by only 1 set of carriages. The operating mechanism has a multi-point lock and can accept any 10mm lift & slide handle. The entire door system has specially designed EPDM gaskets to create a totally closed, weather tight system.

Glazing:
The Panda Solid Wood Lift & Slide comes standard with 1” Clear Low-E Tempered Insulated Glass. Any other glass on the market up to 1” thick is available upon request.

Weight:
Each panel weighs approximately 8 to 9 lbs per sq. ft. depending on wood type, glass type and overall panel size.
TRENCH DEPTH (MIN.)
(= 2 1/2" F.F. THICKNESS)
TRENCH WIDTH (RECOMMENDED)
4" PER PANEL +1"

STANDARD GLASS 1/2 X 1/2 X 1/2
CLEAR LOW-E TEMPERED IG
GLASS SIZES
MIN. 3/4" - MAX. 1"
IMPACT RATED WET GLAZED
1/2 X .09 X 1/2 LAMINATED &
HEAT STRENGTHENED

GLASS
EPDM GLAZING GASKETS
SETTING BLOCK
GLAZING CLIP
BOTTOM PANEL RAIL
WHEEL ASSEMBLY
EPDM "V" GASKET
TRACK ASSEMBLY
FINISHED FLOOR
TRENCH
SUB-FLOOR
1" DROP ANCHORS
TRENCH DEPTH (MIN.)
(= 2 1/2" - F.F. THICKNESS)
TRENCH WIDTH (RECOMMENDED)
4" PER PANEL + 1"

STANDARD GLASS 1/4 x 3/8 x 1/2
CLEAR LOW-E TEMPERED IG
GLASS SIZES

MIN. 1/2" - MAX. 1"
IMPACT RATED WET GLAZED
1/2 x 0.09 x 1/2 LAMINATED &
HEAT STRENGTHENED
TRENCH DEPTH (MIN.)
(= 1 1/4" - F.F. THICKNESS)
FOR MIN. DEPTH INSTALLATION
SUB-FLOOR MUST BE SMOOOTH & LEVEL

TRENCH WIDTH (RECOMMENDED)
4" PER PANEL

STANDARD GLASS 1/2 X 1/2 X 1/2
CLEAR LOW-E TEMPERED IG
GLASS SIZES
MIN. 1/2" - MAX. 1"
IMPACT RATED WET GLAZED
1/2 X 0.09 X 1/2 LAMINATED &
HEAT STRENGTHENED
TRENCH DEPTH (MIN.)
(= 1 1/4" - F.F. THICKNESS)
FOR MIN. DEPTH INSTALLATION
SUB-FLOOR MUST BE SMOOTH & LEVEL

TRENCH WIDTH (RECOMMENDED)
4" PER PANEL

STANDARD GLASS 1/2 X 1/2 X 1/2
CLEAR LOW-E TEMPERED IG
GLASS SIZES
MIN. 1/2" - MAX. 1"
IMPACT RATED WET GLAZED
1/2 X .09 X 1/2 LAMINATED &
HEAT STRENGTHENED
STANDARD GLASS  ¾ X ½ X ⅛
CLEAR LOW-E TEMPERED IG

GLASS SIZES
MIN. ¾" - MAX. 1"
IMPACT RATED WET GLAZED
¾ X .09 X ⅛ LAMINATED &
HEAT STRENGTHENED

FOR BEST OPERATION - FLOOR MUST BE
SMOOTH & LEVEL
SHIM SPACE
FROM $\frac{1}{2}"$ TO 1" DEPENDING ON TYPE OF BOTTOM TRACK & FINISHED FLOOR THICKNESS
HEADER TRACK WIDTHS (APPROX)
4" PER PANEL
STANDARD GLASS $\frac{1}{3} x \frac{1}{3} x \frac{1}{3}$
CLEAR LOW-E TEMPERED IG
GLASS SIZES
MIN. $\frac{1}{2}"$ - MAX. 1 1/4"
IMPACT RATED
WET GLAZED
$\frac{1}{3} x 0.09 x \frac{1}{3}$ LAMINATED &
HEAT STRENGTHENED

HEADER CONSTRUCTION
HEADER TRACK
EPDM TOP CLIP
UPPER PANEL RAIL
EPDM GLAZING GASKETS
GLASS
EXTERIOR
INTERIOR
1"
1 1/2"
6 1/2"
4 1/2"
3"
SHIM SPACE
\( \frac{1}{2}'' \) IS TYPICAL

SIDE FRAME WIDTHS (APPROX)
4'' PER PANEL
(TRENCH WIDTH SHOULD BE TAKEN INTO
ACCOUNT WHEN PLANNING SIDE JAMB
CONSTRUCTION)

STANDARD GLASS \( \frac{1}{8}'' \times \frac{3}{4}'' \times \frac{1}{8}'' \)
CLEAR LOW-E TEMPERED IG

GLASS SIZES
MIN: \( \frac{3}{4}'' \) - MAX: 1 1/2''
IMPACT RATED
WET GLAZED
\( \frac{1}{8}'' \times 0.09'' \times \frac{1}{3}'' \) LAMINATED &
HEAT STRENGTHENED
STANDARD GLASS 1/2 X 1/2 X 1/2
CLEAR LOW-E TEMPERED IG

GLASS SIZES
MIN. 1/4" - MAX. 1 1/4"

IMPACT RATED
WET GLAZED
1/2 X .09 X 1/2 LAMINATED &
HEAT STRENGTHENED

FELT BRUSHES
EPDM INTERLOCK
GASKET

3"

4 3/4"

INTERLOCK
GLAZING CLIP

7"

PANEL STILE

EPDM GLAZING
GASKETS

GLASS
GLAZING CLIP

LOCKING HARDWARE

4\frac{1}{2}"

9"

3"

HANDLES

PANEL STILE

EPDM GLAZING GASKETS

GLASS

STANDARD GLASS $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$

CLEAR LOW-E TEMPERED IG

GLASS SIZES

MIN $\frac{1}{4}"$ - MAX $1 \frac{1}{4}"$

IMPACT RATED

WET GLAZED

$\frac{1}{2} \times .09 \times \frac{1}{2}$ LAMINATED & HEAT STRENGTHENED
STANDARD GLASS $\frac{1}{8} \times \frac{1}{2} \times \frac{1}{4}$ CLEAR LOW-E TEMPERED IG

GLASS SIZES
MIN $\frac{1}{8}$ - MAX. 1 1/4"
IMPACT RATED
WET GLAZED
$\frac{1}{8} \times .09 \times \frac{1}{8}$ LAMINATED & HEAT STRENGTHENED

RECOMMENDED POCKET WIDTH
4" PER PANEL +2"

(IF ANY SMALLER THAN THE RECOMMENDED WIDTH, INNER WALL MAY NEED TO BE FRAMED AFTER INSTALLATION OF BOTTOM TRACK)
EPDM GLAZING GASKET
GLAZING CLIP
90° POST
7 1/2"

EPDM "V" GASKET

LOCK SET

4 1/2"

3"

STANDARD GLASS 1/2 X 1/2 X 1/2
CLEAR LOW-E TEMPERED IG

GLASS SIZES
MIN. 3/4" - MAX. 1 1/2"

IMPACT RATED
WET GLAZED
1/4 X .09 X 1/2 LAMINATED & HEAT STRENGTHENED
TOTAL KICK PLATE HEIGHT =
4 1/2" + 2 1/2" FOR EACH KICK PLATE

STANDARD GLASS 3/8 X 1/2 X 1/8
CLEAR LOW-E INSULATED
GLASS SIZES
MIN. 1/2" - MAX. 1 1/4"
IMPACT RATED
WET GLAZED
1/2 X .09 X 1/8 LAMINATED &
HEAT STRENGTHENED