

SPOTLIGHTS INSTALLATION INSTRUCTIONS

This booklet contains Installation Instructions for the following:

REPLACING your existing glass with new Spotlights door glass

Pages 3-6

ADDING Spotlights door glass to a flush door

Pages 7-16

FINISHING INSTRUCTIONS

Page 17

For more information, please visit www.zabitat.com, or contact customer service at 855-813-3111

FOR 1-3/4" THICK DOORS 1 3/4"

STATEMENT OF INTENDED USE

Spotlights door glass panels are for use in:

- 1-3/4" thick residential steel and fiberglass doors
 - Flush panel residential doors (no panels)

THEY ARE NOT DESIGNED FOR USE IN WOOD DOORS,

doors that do not have rigid steel frames, or as windows in a wall.

ANY MISUSE OR INSTALLATION OTHER THAN STATED WILL VOID THE WARRANTY.

SAFETY FIRST!

CAUTION

When working with glass and frames, care should be taken. Door glass is made of tempered safety glass but **should be carefully supported at all times.** The smaller sized glass can be installed vertically, but we recommend that 22 "x 66" and larger glass kits be installed with the door off the hinges and lying down.

Door glass kits may be heavy and of an awkward size, so **two installers may be required** to remove the old glass from the opening and lift the door glass.



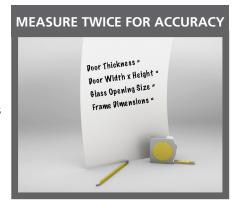
TOOLS

FIND A HELPER

- Safety Gloves
- Safety Glasses
- Dry Wall Screw (size optional)
- Power Screw Driver with Phillips Head Bit
- Putty Knife
- Window Cleaner
- Tape Measure
- Pencil
- Painter's Tape
- Drop Cloth

MEASUREMENT DISCLAIMER:

Spotlights Door Glass can be installed in many combinations, variations, and designs. Given the volume of possibilities and variables in your actual door size, you must take accurate measurements and apply mathematics to achieve desired look. Inaccurate measurements can result in misaligned placement of glass panels.



IF YOU NEED TO CUT AN OPENING...

Additional tools will be needed.

- 2 Saw-horses
- Drill with 3/8" or 1/2" bit
- Jigsaw with a short-stroke blade
- Ear Protection

DOOR GLASS CONSTRUCTION

Door glass is made up of two different sections:

OUTSIDE FRAME & DOOR GLASS

The outside frame section contains the glass.



INSIDE FRAME

The inside frame section with holes for the attachment screws.



SCREWS & SCREW PLUGS

> The attachment screws are placed into the door glass from the inside of the home for added security.

REPLACING GLASS INSTALLATION INSTRUCTIONS

IF YOU ARE ADDING GLASS MOVE TO STEP 1 ON PAGE 9.



MEASURE THE EXISTING OPENING

Existing door glass must be removed prior to installing this product. **Removal may make the existing door glass or sidelight unusable.** If you have questions or concerns, consult an Zabitat Customer Service Representative at 855.813.3111 for help.

MEASURE THE THICKNESS

of the existing door. Door glass is designed to **FIT DOORS THAT ARE** $1-3/4" \pm 1/16"$ **THICK.**



MEASURE THE WIDTH AND

HEIGHT of the existing doorglass. If the measurements correspond to the chart, our glass will fit your door.





REMOVE FRAME **& GLASS**

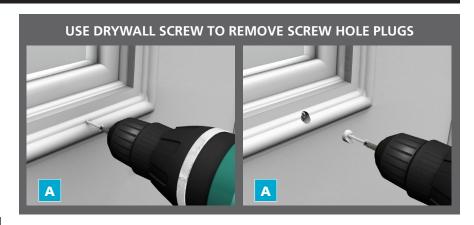
A. LOCATE SCREWS AND REMOVE THEM

Old paint, putty, or caulk may need to be removed from the screw plugs first.

REMOVE ALL SCREW PLUGS AND ALL ATTACHMENT SCREWS.

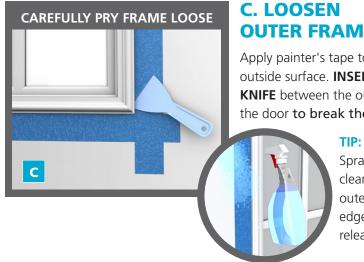
HAVE A HELPER SUPPORT THE GLASS INSIDE В





B. REMOVE INNER FRAME

Once the screws are removed, have a helper stand on the outside of the door and hold the frame. REMOVE THE INNER FRAME.



OUTER FRAME

Apply painter's tape to protect the outside surface. **INSERT THE PUTTY** KNIFE between the outer frame and the door to break the old caulk seal.

> Spray window cleaner around outer frame's edge to help release caulk.

D. REMOVE EXISTING DOOR GLASS

While wearing safety glasses and gloves, GENTLY REMOVE THE EXISTING GLASS.



E. CLEAN & PREPARE DOOR SURFACE

After the door glass has been safely removed, **CAREFULLY SCRAPE** any old or excess caulk and dirt from the inside and outside openings.

3 INSTALLING NEW DOOR GLASS



A. Lift the new frame with glass into position from the outside. To ensure that the weight of the glass is distributed correctly, place the bottom edge of the door glass snugly against the door. Then tilt the top into position against the door.

TIP

The new door glass should be installed with the temper stamp at the bottom of the door.



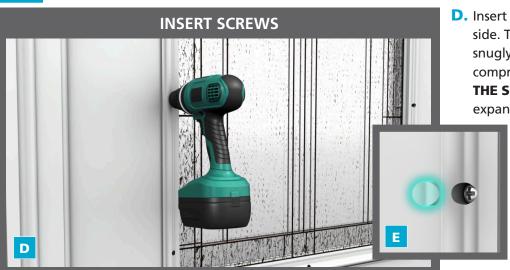
B. Have a helper hold the glass firmly against the door on the outside.

The screw hole side of your frame should be installed on the inside of the door.



C. Align the frames by matching the screw hole guides.

3 INSTALLING NEW DOOR GLASS CONTINUED



D. Insert each screw working from side to side. Tighten firmly so that the frame fits snugly against the door and the seal is compressed. AVOID OVER TIGHTENING THE SCREWS to allow the window to expand and contract.

E. Align the screw plugs with the frame profile. Insert and tap each one into place.



F. If you removed your door from its hinges, place the door back on its hinges. Use standard window cleaner to make your new door glass shine!

SEE PAGE 16 FOR FRAME FINISHING CONSIDERATIONS.

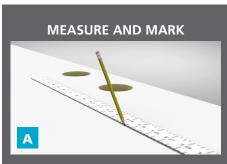
IF DOOR GLASS IS NOT CURRENTLY PRESENT OR A LARGER SIZE DOOR GLASS IS BEING INSTALLED, FOLLOW THESE STEPS:

1 PREPARE DOOR



- A. REMOVE DOOR FROM HINGES
- B. REMOVE HANDLE SET FROM DOOR
- C. LAY DOOR ACROSS SAWHORSES

2 MEASURE, MARK, AND CUT









- A. MEASURE AND MARK EACH CUT OUT AREA on the front side of door. Refer to the following pages for example templates for cut-out placements and layouts. Placement of the cut-out is completely your discretion.
- **B. APPLY PAINTER'S TAPE** around each cut out area to help prevent damage to the door while cutting.
- **C. DRILL 3/8" OR 1/2" STARTER HOLE** in all 4 corners of each cut out area.

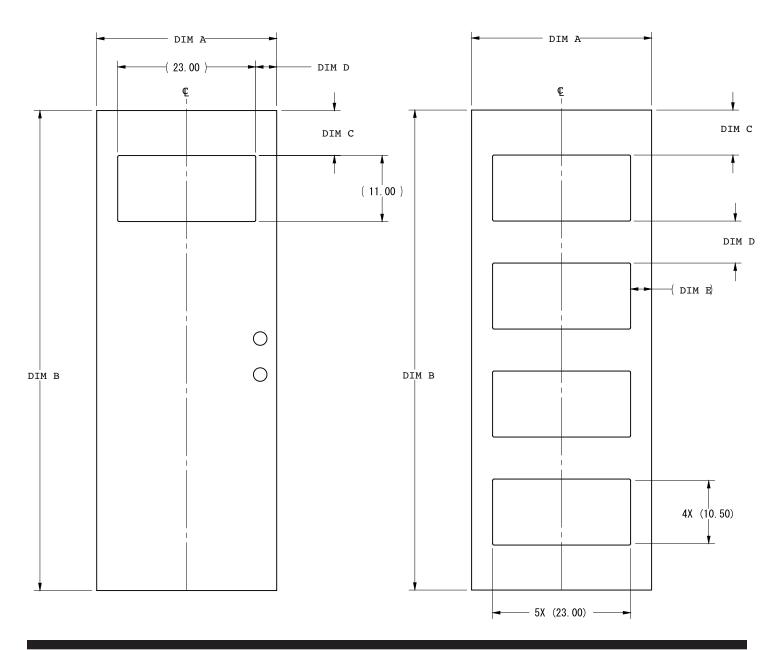


MEASURE, MARK, AND CUT CONTINUED

24" X 12" FRAME KIT CUT-OUT EXAMPLES

	DOOR 1	DOOR 2	DOOR 3	DOOR 4	DOOR 5
DIM A	2' 6"	2' 8"	2' 8"	3' 0"	3' 0"
DIM B	6' 8"	6' 8"	8' 0"	6' 8"	8' 0"
DIM C	7.50"	7.50"	10"	7.50"	10"
DIM D	3.50"	4.50"	4.50"	6.50"	6.50"

	DOOR 1	DOOR 2	DOOR 3	DOOR 4
DIM A	2' 8"	2' 8"	3' 0"	3' 0"
DIM B	6' 8"	8' 0"	6' 8"	8' 0"
DIM C	6.50"	10"	6.50"	10"
DIM D	7.00"	11.33"	7.00"	11.33"
DIM E	(4.50")	(4.50")	(6.50")	(6.50")



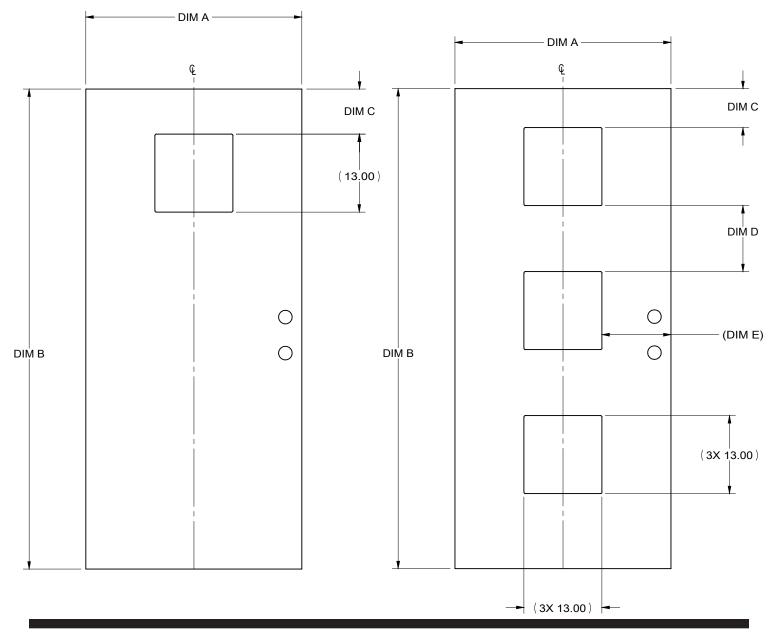


MEASURE, MARK, AND CUT CONTINUED

14" X 14" FRAME KIT CUT-OUT EXAMPLES

	DOOR 1	DOOR 2	DOOR 3	DOOR 4	DOOR 5
DIM A	2' 6"	2' 8"	2' 8"	3' 0"	3' 0"
DIM B	6' 8"	6' 8"	8' 0"	6' 8"	8' 0"
DIM C	7.50"	7.50"	12"	7.50"	10"

	DOOR 1	DOOR 2	DOOR 3	DOOR 4	DOOR 5
DIM A	2' 6"	2' 8"	2' 8"	3' 0"	3' 0"
DIM B	6' 8"	6' 8"	8' 0"	6' 8"	8' 0"
DIM C	6.50"	6.50"	10"	6.50"	10"
DIM D	11"	11"	14"	11"	14"
DIM E	(8.50")	(9.50")	(9.50")	(11.50")	(11.50")



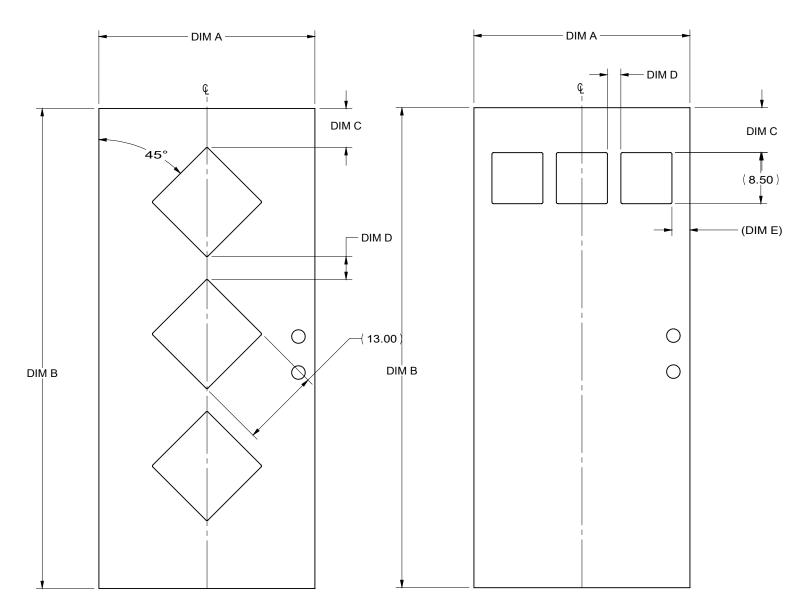


MEASURE, MARK, AND CUT CONTINUED

14" X 14" FRAME KIT CUT-OUT EXAMPLES

	DOOR 1	DOOR 2	DOOR 3	DOOR 4	DOOR 5
DIM A	2' 6"	2' 8"	2' 8"	3' 0"	3' 0"
DIM B	6' 8"	6' 8"	8' 0"	6' 8"	8' 0"
DIM C	6.50"	6.50"	8"	6.50"	8"
DIM D	3.82"	3.82"	9.82"	3.82"	9.82"

	DOOR 1	DOOR 2
DIM A	3' 0"	3' 0"
DIM B	6' 8"	8' 0"
DIM C	7.50"	10"
DIM D	2.25"	2.25"
DIM E	(3")	(3")



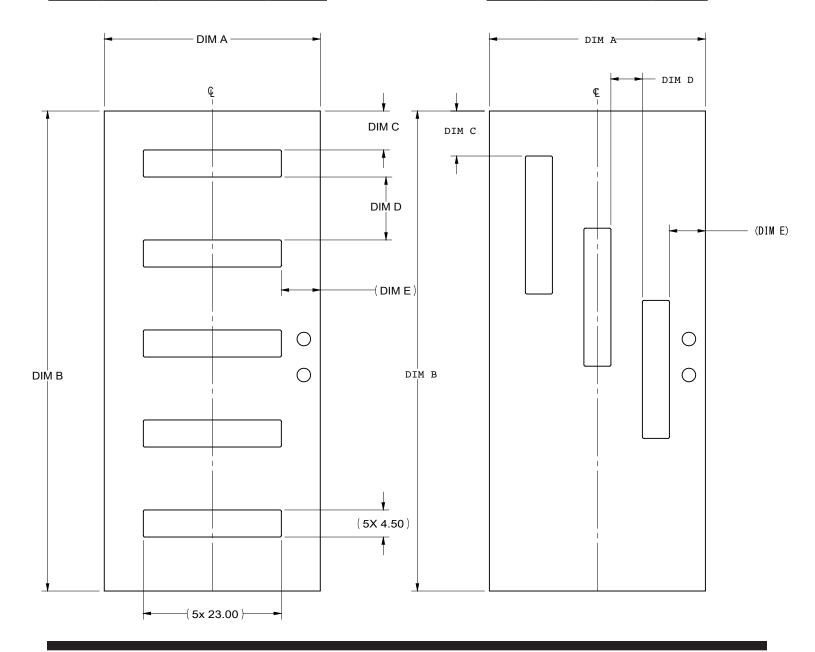


MEASURE, MARK, AND CUT CONTINUED

24" X 5.5" FRAME KIT CUT-OUT EXAMPLES

	DOOR 1	DOOR 2	DOOR 3	DOOR 4
DIM A	2' 8"	2' 8"	3' 0"	3' 0"
DIM B	6' 8"	8' 0"	6' 8"	8' 0"
DIM C	6.50"	10"	6.50"	10"
DIM D	10.50"	12.50"	10.50"	12.50"
DIM E	(4.50")	(4.50")	(6.50")	(6.50")

	DOOR 1	DOOR 2	DOOR 3
DIM A	2' 6"	2' 8"	3' 0"
DIM B	6' 8"	6' 8"	6' 8"
DIM C	7.50"	7.50"	7.50"
DIM D	4.25"	4.25"	5.25"
DIM E	(4")	(5")	(6")



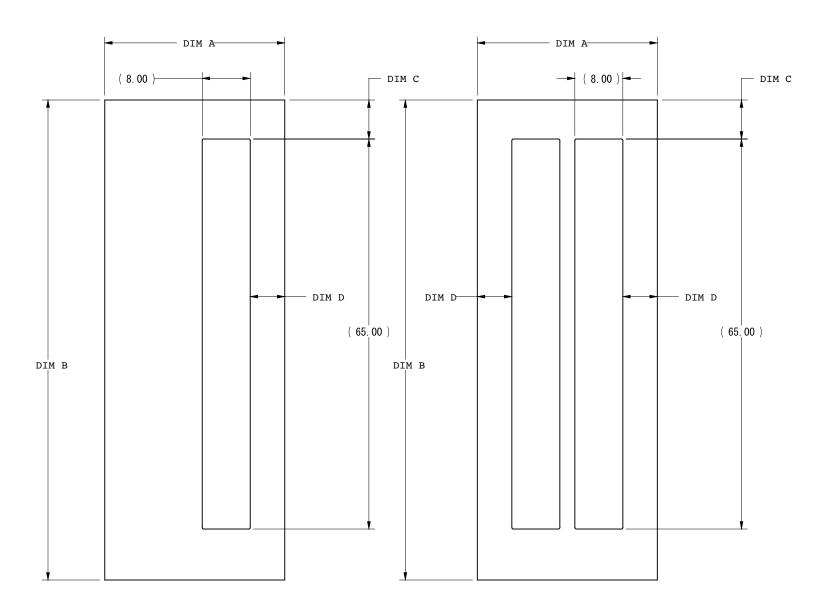


MEASURE, MARK, AND CUT CONTINUED

9" X 66" FRAME KIT CUT-OUT EXAMPLES

	DOOR 1	DOOR 2	DOOR 3	DOOR 4	DOOR 5
DIM A	2' 6"	2' 8"	2' 8"	3' 0"	3' 0"
DIM B	6' 8"	6' 8"	8' 0"	6' 8"	8' 0"
DIM C	6.50"	6.50"	7.50"	6.50"	7.50"
DIM D	5.75"	6.50"	6.50"	7.25"	7.25"

	DOOR 1	DOOR 2	DOOR 3	DOOR 4	DOOR 5
DIM A	2' 6"	2' 8"	2' 8"	3' 0"	3' 0"
DIM B	6' 8"	6' 8"	8' 0"	6' 8"	8' 0"
DIM C	6.50"	6.50"	7.50"	6.50"	7.50"
DIM D	5.75"	6.50"	6.50"	7.25"	7.25"

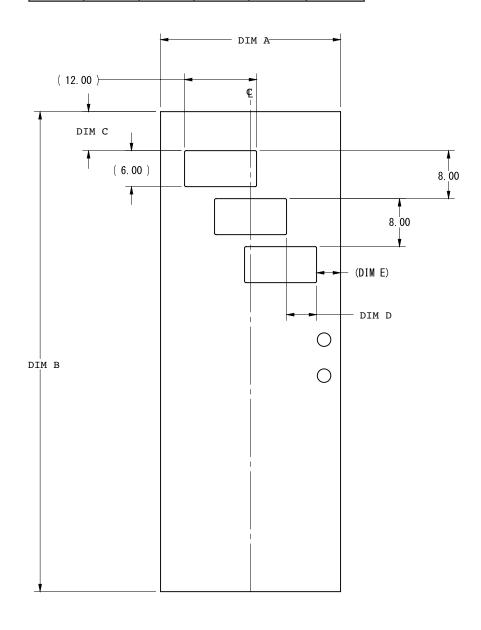




MEASURE, MARK, AND CUT CONTINUED

12" X 7" FRAME KIT CUT-OUT EXAMPLE

	DOOR 1	DOOR 2	DOOR 3	DOOR 4	DOOR 5
DIM A	2' 6"	2' 8"	2' 8"	3' 0"	3' 0"
DIM B	6' 8"	6' 8"	8' 0"	6' 8"	8' 0"
DIM C	6.50"	6.50"	10"	7.50"	10"
DIM D	5.00"	6.00"	6.00"	7.00"	7.00"
DIM E	(4")	(4")	(4")	(5")	(5")



2 MEASURE, MARK, AND CUT CONTINUED



D. Do not attempt to cut all the way through the door.
The up-stroke should not leave the door and the
down-stroke should not exceed 1" into the door.



E. Using starter hole, **INSERT JIG SAW** with a shortstroke blade into the inner core of the door and **CUT ALONG MARKED GUIDELINES**, corner to corner.



F. If you cut near the lock, you will be cutting through material of a different density. You will feel slightly more resistance in this area.



G. FLIP DOOR OVER AND REPEAT STEPS A TO E for the back side of door.



- H. REMOVE TAPE AND DEBRIS
- **I. REMOVE** all packaging from the door glass kit.
- **J. SEPARATE** the inner frame from the outer frame with glass.

3 INSTALLING NEW DOOR GLASS



A. Lift the door off of the sawhorses and lay the outer frame with glass over the sawhorses.

TIP:

To ensure that the glass is correctly installed the temper stamp should appear on the bottom of the door.

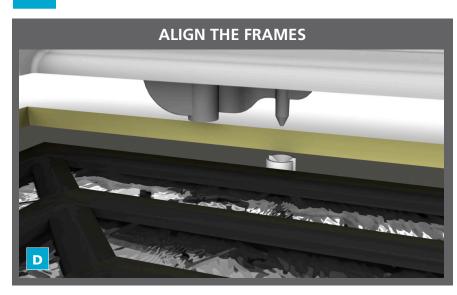


B. Carefully lay the door over the door glass. To properly distribute the weight of the door glass, place the bottom edge of the door opening snugly to bottom of the door glass.



C. Place interior frame with exposed screw holes over the inside of the door.

3 INSTALLING NEW DOOR GLASS CONTINUED



D. Align the frames by matching the screw hole guides.



E. Insert each screw working from side to side. Tighten firmly so that the frame fits snugly against the door and the seal is compressed. AVOID OVER TIGHTENING THE SCREWS.

F. Align the screw plugs with the frame profile. Insert and tap each one into place.



G. Place the door back on its hinges. Use standard window cleaner to make your new door glass shine!

SEE PAGE 16 FOR FRAME FINISHING CONSIDERATIONS.

INSTALLATION INSTRUCTIONS

FINISHING THE FRAME

CONSIDER PAINTING OR STAINING THE DOOR GLASS FRAME TO COORDINATE WITH YOUR DOOR FINISH.

PREMIUM PAINT- AND STAIN-READY TAN PLASTIC FRAME

Tan frames are manufactured with a specially engineered plastic that is designed to be painted or stained. No primers or adhesion promoters are required when painting or staining this frame. We recommend using the same high quality exterior grade paint or stain as you will use to finish your entry door.

FRAME SURFACE PREP

The frame should be free of any dust and debris. Use mild detergent and water. The frame should be dry and acclimated to room temperature before applying paint. No other surface prep is necessary for finishing this frame.

NOTE: DO NOT APPLY ADHESION PROMOTERS or PRIMERS containing adhesion promoter to this frame.

PAINTING AND STAINING

Painting – Recommended for use with exterior latex paint. Apply thin coats, allowing paint to dry between coats, to achieve the desired coverage and finish.

Staining – A 2-Step Staining process is recommended for the most desirable level of adhesion.

Step 1 - Apply an opaque base coat of paint to the frame, as described above.

Step 2 - Apply the stain to the frame. Work stain into the graining with a sponge or cloth. Wipe off the excess stain for the desired finish. Stain manufacturer's instructions may differ or provide additional information. Please follow their instructions. Apply a compatible clear top coat to the manufacturer's recommendation to protect finish.

HIGH PERFORMANCE MAINTENANCE-FREE WHITE FRAME FINISHING INSTRUCTIONS

White frames are the perfect solution for a durable, maintenance-free frame that **DOES NOT REQUIRE PAINTING**. It will not yellow over time and when unpainted, will not warp behind a storm door.

If you desire to paint the frame around your door glass, we recommend that your purchase the Premium Paint- and Stain-Ready Tan Frame. However, if you choose to paint a White Frame:

- 1. For increased paint adhesion use adhesion promoting primer made for use with polypropylene.
- 2. Finish with an exterior grade acrylic latex paint. **CAUTION** Apply paint in a well-ventilated area and follow all paint manufacturer's cautions, warnings and instructions.



214129 • (04/14)