



MANUAL

UPVC ALTERNATIVE TO WINDOW PUTTY

Nu-Glaze is a practical, aesthetically pleasing window & glass installation solution. **Nu-Glaze** is fast and easy to use, maintenance-free, re-paintable and seals against water, air and temperature differences.

Nu-Glaze also assists with water flow-off, wind, noise and temperature control – Important factors for steel or wooden window manufacturers, architects, designers, engineers and homeowners!

- **Frustrated by the traditional window glazing products such as putty or wooden beadings?**
- **Tired of replacing failing putty and wood beads at great cost, mess and inconvenience?**
- **Worried about safety and security risks?**

Nu-glaze, our Internationally Patented Innovation offers the solution!

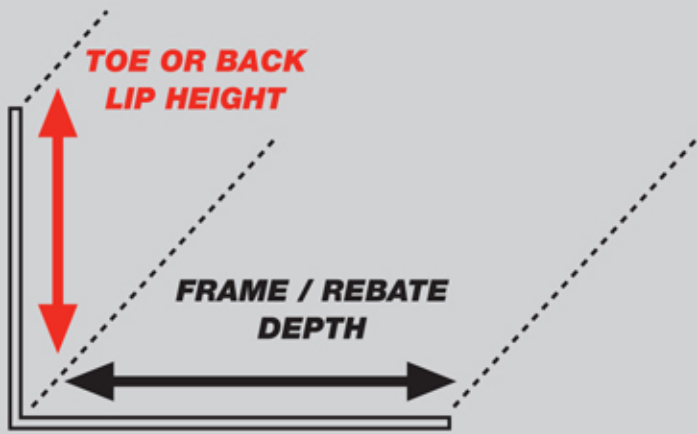


MATERIAL REQUIREMENTS CALCULATION



1. Measure the rebate height & depth to determine the size of the profile you require.
Use Profile S for 20mm Rebate and Profile W for 13mm Rebate.

REBATE MEASUREMENT SIDE VIEW FRAME



ADHESIVE REQUIRED CALCULATION

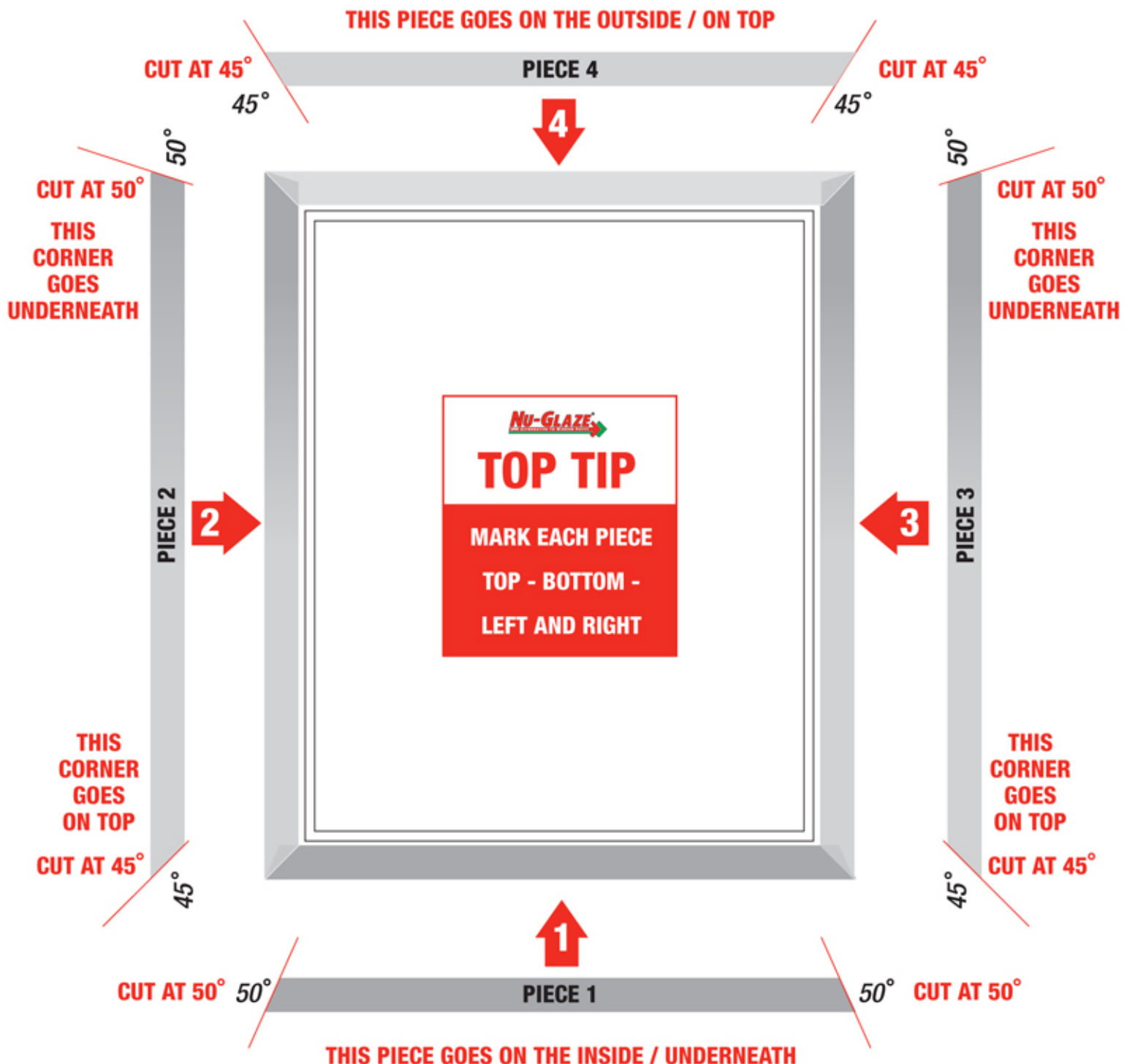
**1 TUBE OF ADHESIVE IS REQUIRED FOR EVERY
15 METRES OF TOTAL LINEAR LENGTH -
PLUS 10% SURPLUS USE**

*Example - if you had 15 windows with a
linear length of 4 metres per window
(60 metres of uPVC) you would need 4 tubes
plus 10% = 5 tubes of adhesive. If stored correctly
adhesive can be used for up to 12 months!*

2. Measure to determine the length of uPVC required. 2 x window height measurement plus 2 x window width measurement will give you the length required for each window or frame. On larger projects add 13% to cover cutting waste and odd sized windows.



1. MITERING TO ENSURE MAXIMUM WATERPROOFING



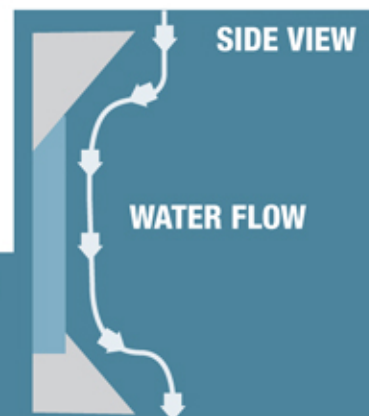
THE 50° CORNERS GOES UNDER THE 45° CORNERS TO ALLOW WATER RUN-OFF.

PIECE 1: CUT TO THE EXACT INSIDE MEASUREMENTS OF FRAME.

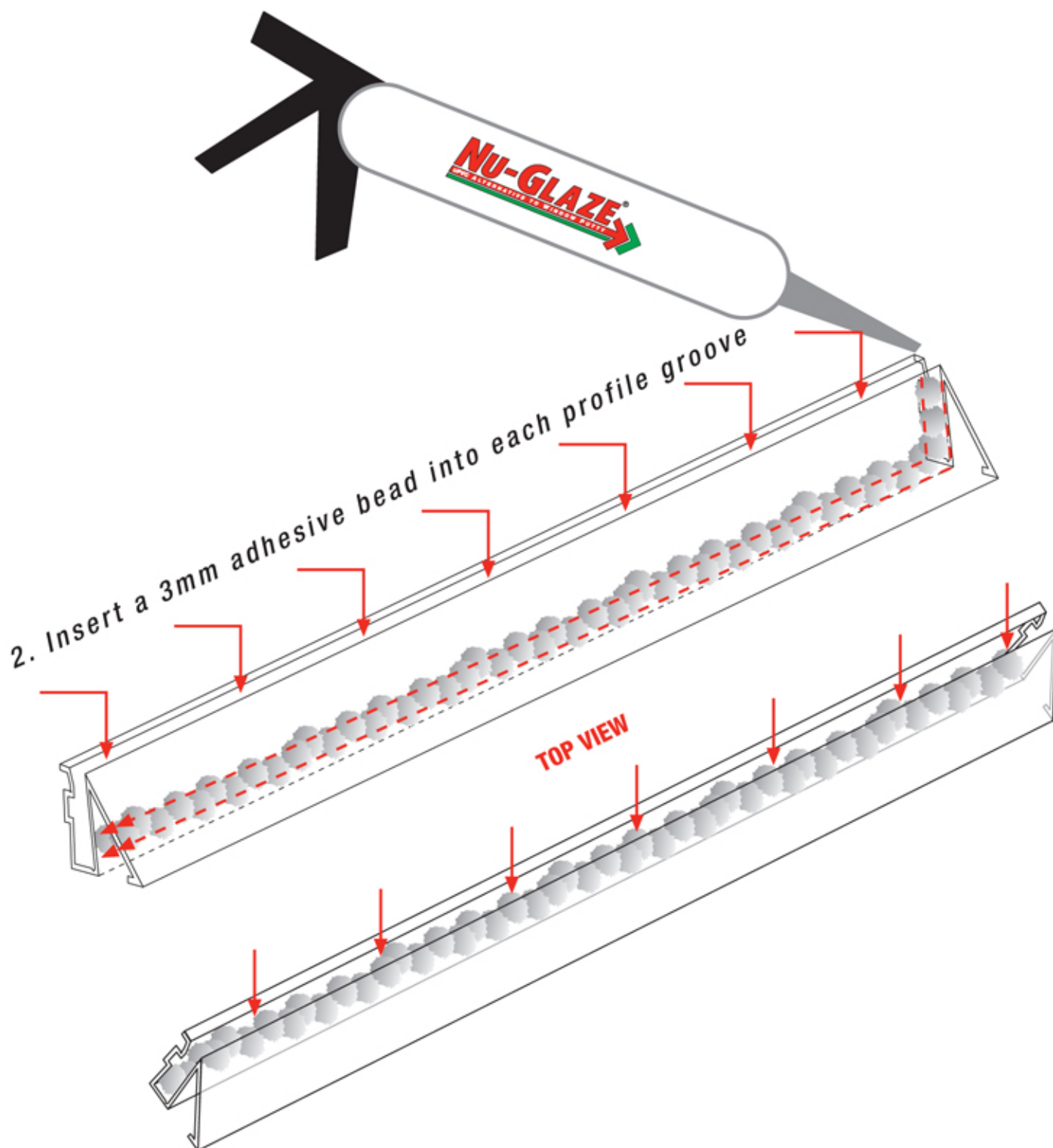
PIECE 2 AND PIECE 3: CUT SHORTER THAN INSIDE MEASUREMENT BY 1-2MM.

PIECE 4: CUT SHORTER THAN INSIDE MEASUREMENTS BY 2-3MM.

THIS IS A BEST PRACTICE METHOD TO ENSURE WATER FLOWS OVER. IT ALSO PREVENTS WATER FROM CREEPING IN UNDERNEATH THE EDGE AND GETTING TRAPPED INSIDE THEREBY CAUSING LEAKS.

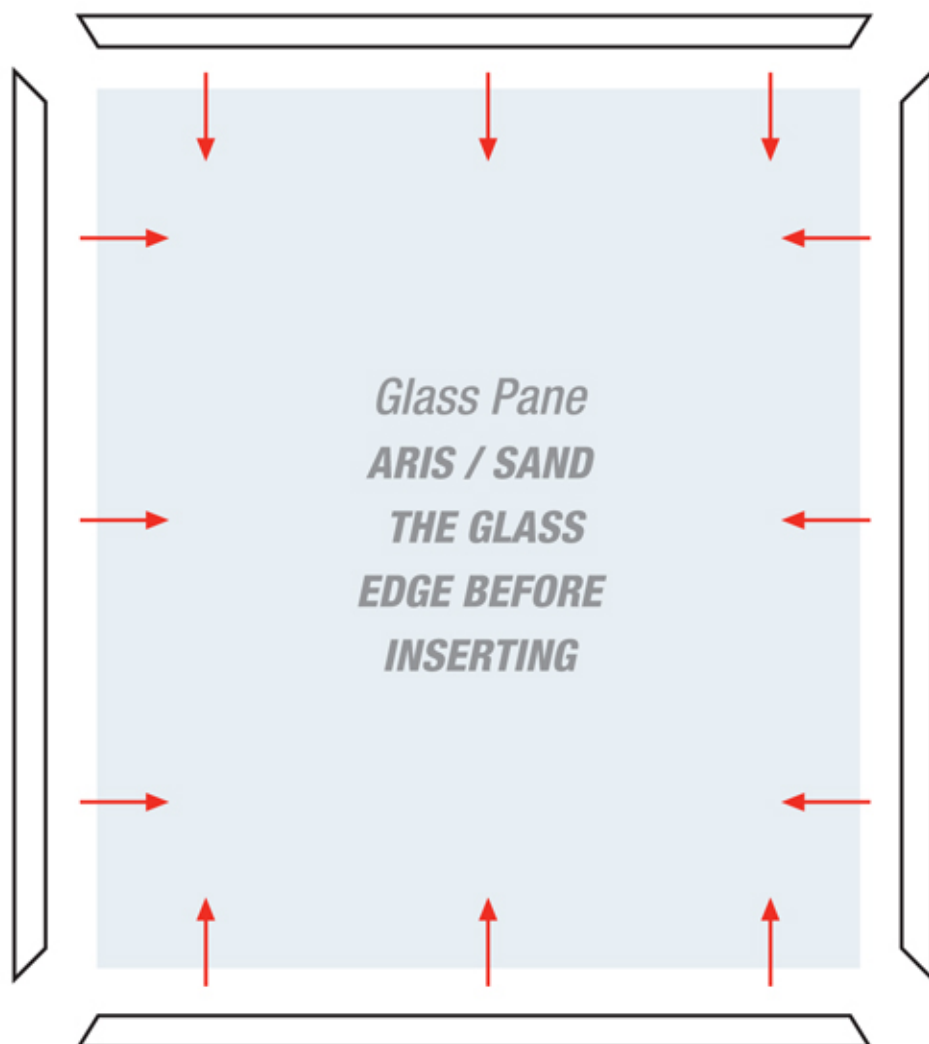


2. Insert a 3mm adhesive bead into each profile groove.



repeat for all 4 pieces

3. Slide all 4 profiles onto the glass - ensure continuous contact with the adhesive.



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TOP TIP

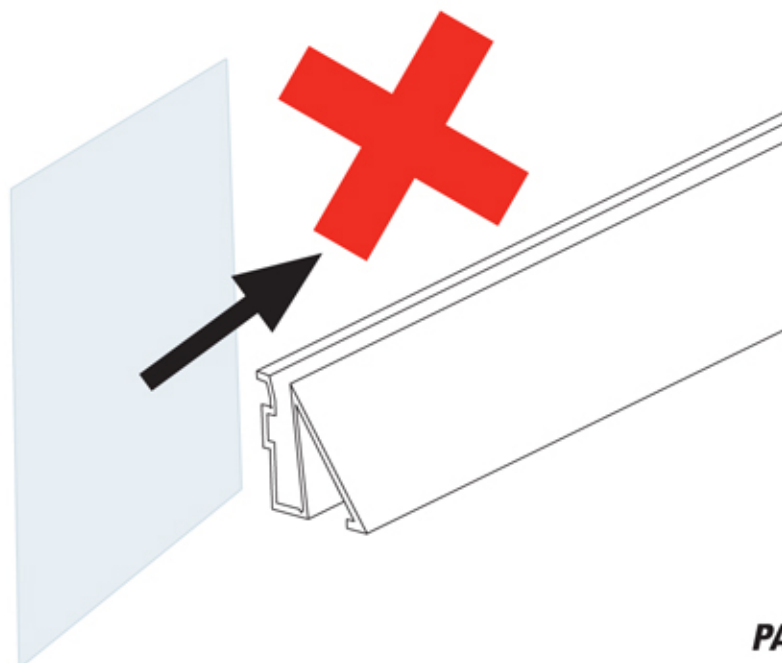
INSERT BOTTOM HORIZONTAL PIECE FIRST. THEN THE 2 VERTICAL PIECES. LASTLY THE TOP HORIZONTAL PIECE 45° OVER BOTH 50° VERTICALS

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GLASS TIP

GLASS MUST BE CUT 3-5MM SMALLER THAN FRAME SIZE ALL AROUND - EXAMPLE:
FRAME =
1000MM X 600MM
GLASS =
990MM BY 590MM

DO NOT slide glass into the profiles - slide profiles onto the glass as indicated above.



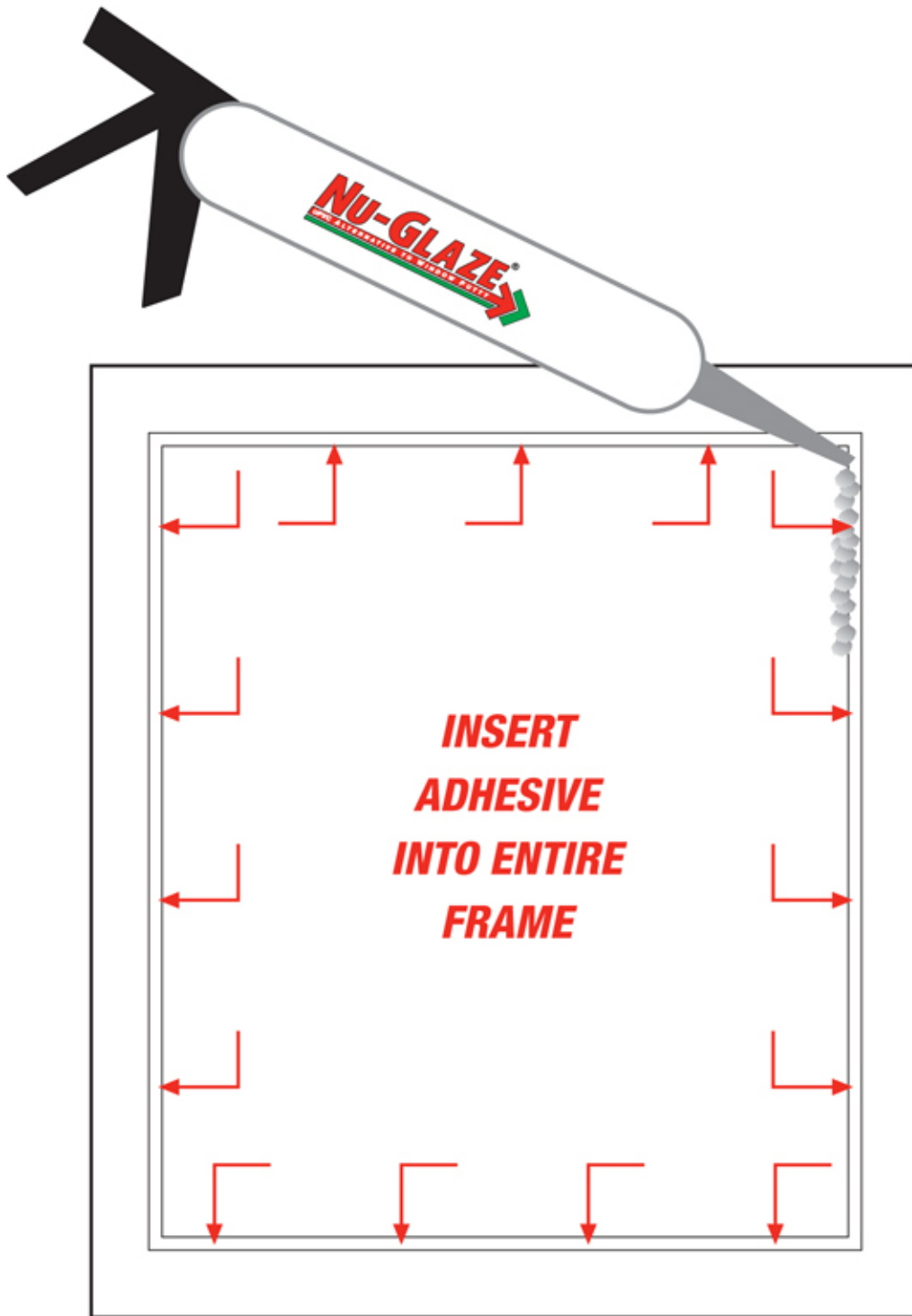
FULL INSTALLATION GUIDE



4. Set assembly to one side.

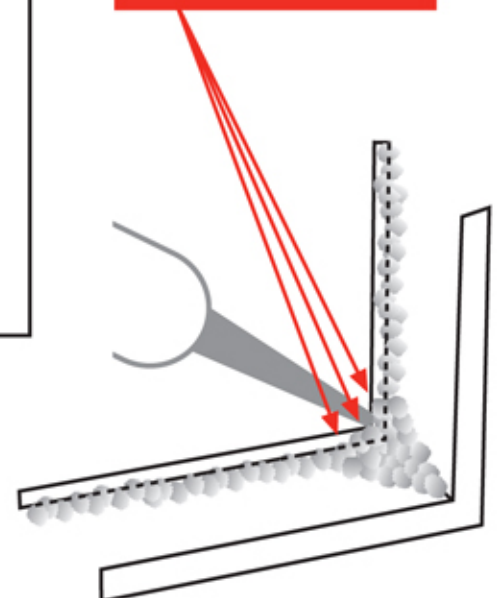


5. Deposit a continuous 5-6mm beading of adhesive onto the frame.



TOP TIP

DEPOSIT EXTRA
ADHESIVE WHERE
WATER OR WIND
MAY ENTER
(EXAMPLE - CORNERS)



6. CAREFULLY PLACE ASSEMBLY INTO THE FRAME - Press gently to ensure perfect positioning.



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TOP TIP

ONCE SEATED IN THE
FRAME, PUSH AND
SLIDE PROFILE
OUTWARDS
AGAINST THE FRAME

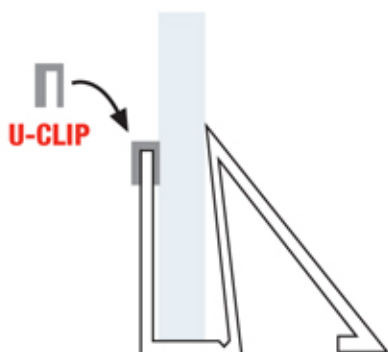
NU-GLAZE

TOP TIP

FINISH EACH CORNER
OFF WITH SOME
ADDITIONAL ADHESIVE.
WIPE OFF ALL ACCESS
ADHESIVE WHEN DONE.

U-CLIPS

*If necessary insert U-Clips over the frame and pull assembly into position.
Remove all U-Clips after 24 hours.*



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TOP TIP

ONCE COMPLETED
CLEAN ALL SURFACES WITH
A DAMP METHOLATED
SPIRITS CLOTH, THEN DRY
WIPE WITH A CLEAN CLOTH.

FRONTAL PUTTY REPLACEMENT GUIDE



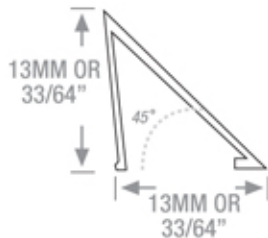
CHOOSING THE CORRECT PROFILE



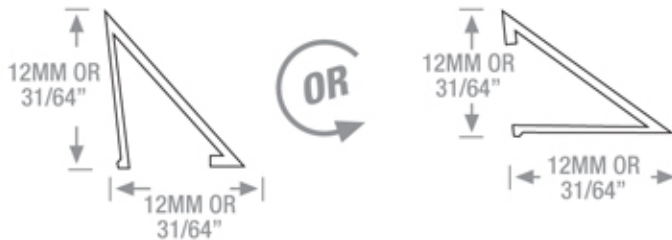
VIDEO REFERENCE www.nu-glaze.co.za

UNDERSTANDING THE PROFILE

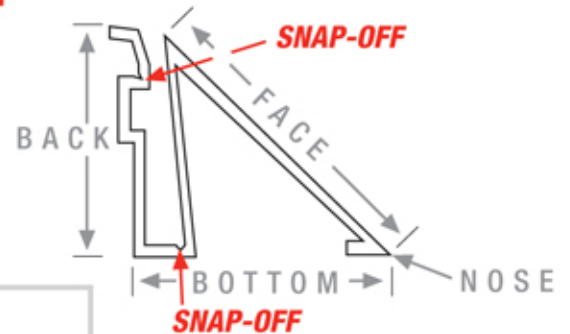
S4 PROFILE SNAP-OFF



S7 PROFILE SNAP-OFF



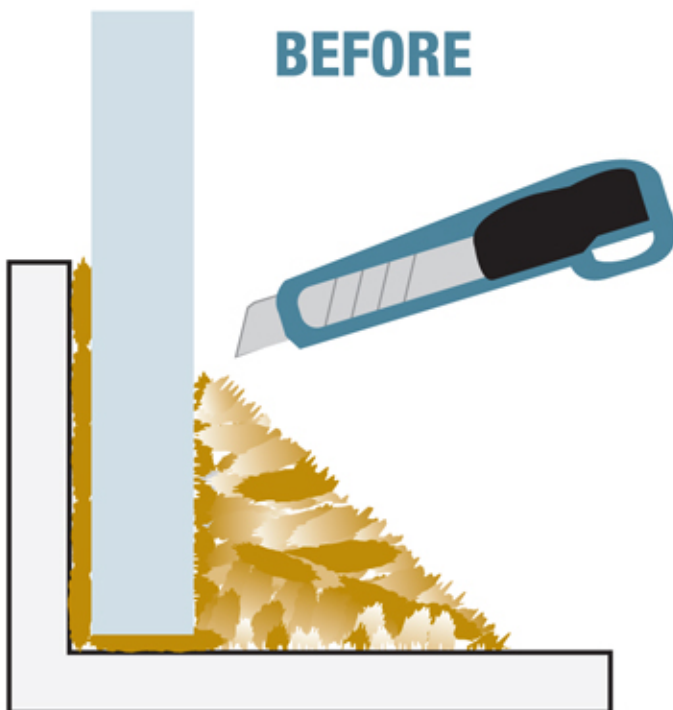
W4 PROFILE SNAP-OFF



1. Remove old putty from the front of the glass keeping the glass in place and in tact.

BEFORE

AFTER

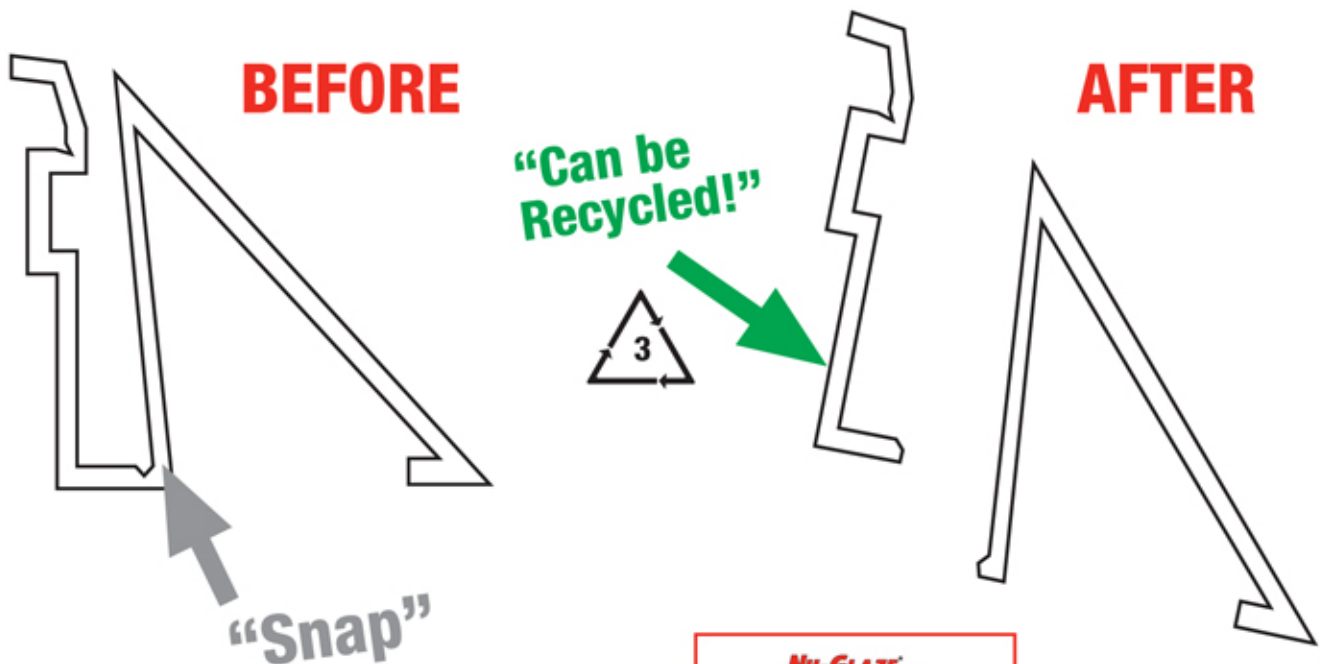


TOP TIP

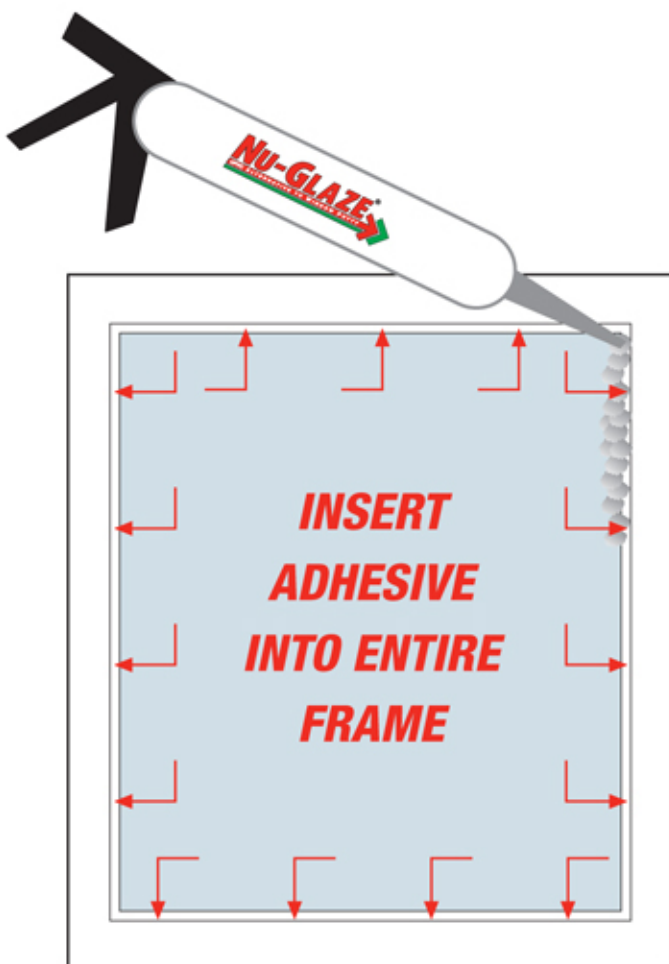
MAKE SURE AREA IS
CLEAN AND
100% PUTTY FREE.
TREAT THE FRAME
AND ALLOW TO DRY.

2. MEASURE & CUT AS PER PAGE 3

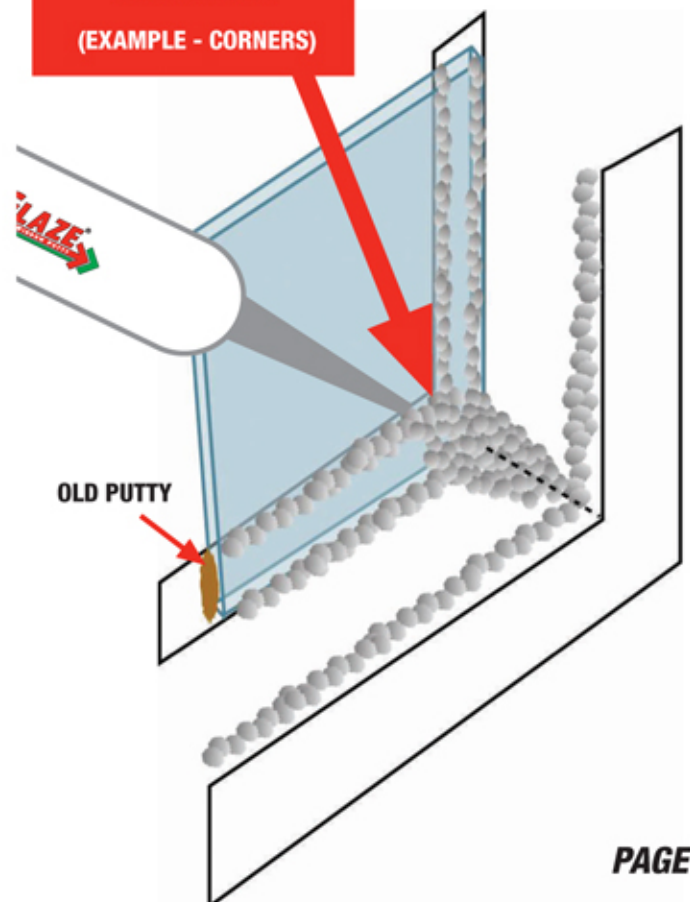
3. Break off the frontal sections where indicated.



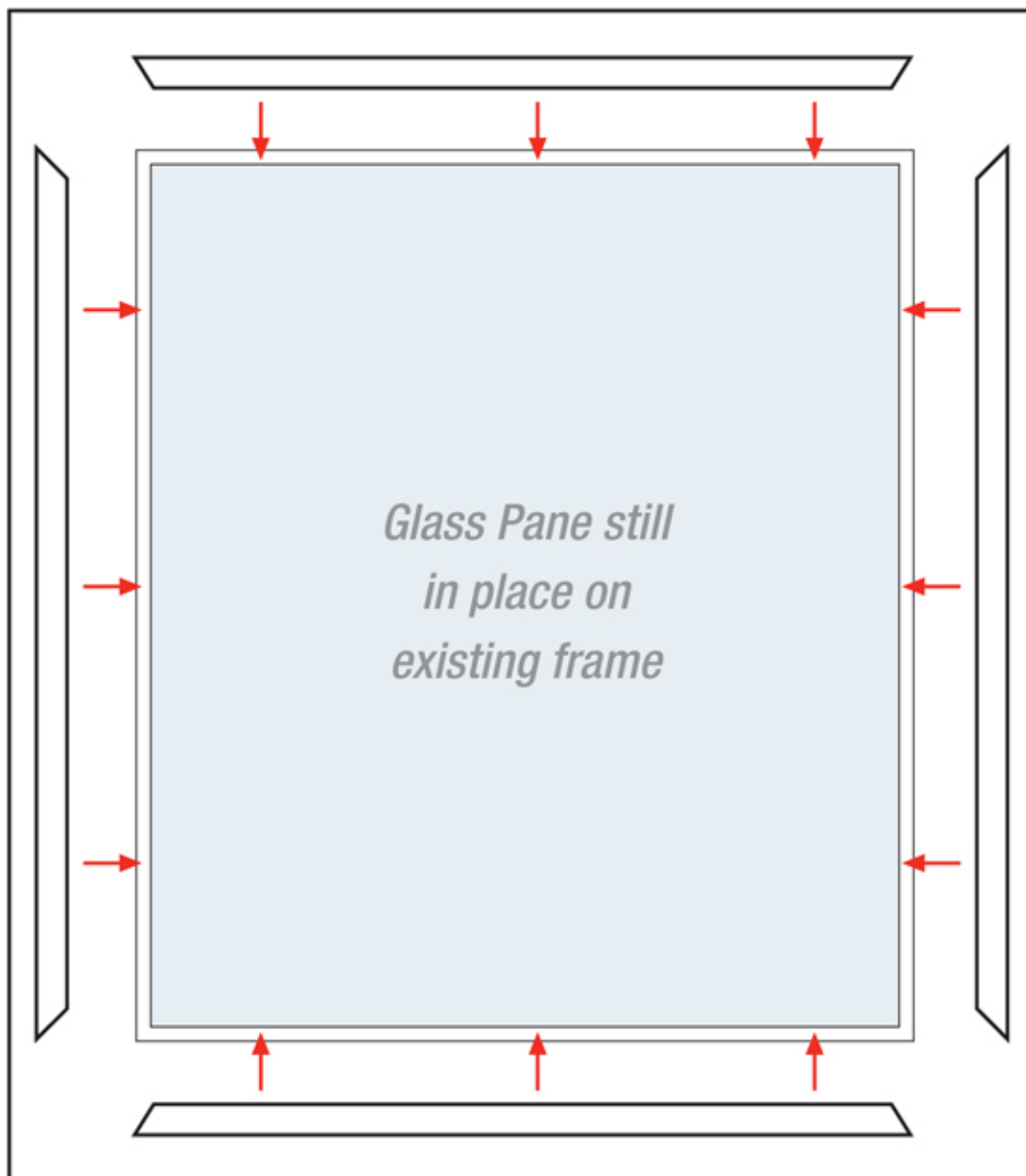
4. Deposit a 5-6mm continuous bead of adhesive into the frame, placing extra in the corners.



NU-GLAZE
TOP TIP
DEPOSIT EXTRA
ADHESIVE WHERE
WATER OR WIND
MAY ENTER
(EXAMPLE - CORNERS)



5. Place all 4 profiles onto the glass - ensure continuous contact with the adhesive.



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TOP TIP

INSERT BOTTOM
HORIZONTAL PIECE
FIRST. THEN THE 2
VERTICAL PIECES.
LASTLY THE TOP
HORIZONTAL PIECE
45° OVER BOTH 50°
VERTICALS



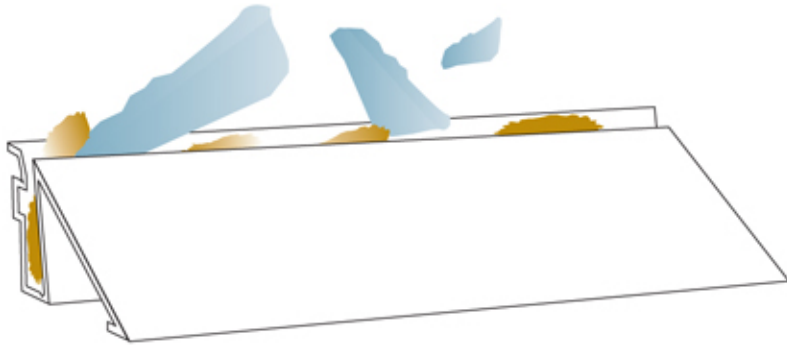
NU-GLAZE

TOP TIP

FINISH EACH CORNER
OFF WITH SOME
ADDITIONAL ADHESIVE.
WIPE OFF ALL ACCESS
ADHESIVE WHEN DONE.

WHAT IF THE GLASS BREAKS?

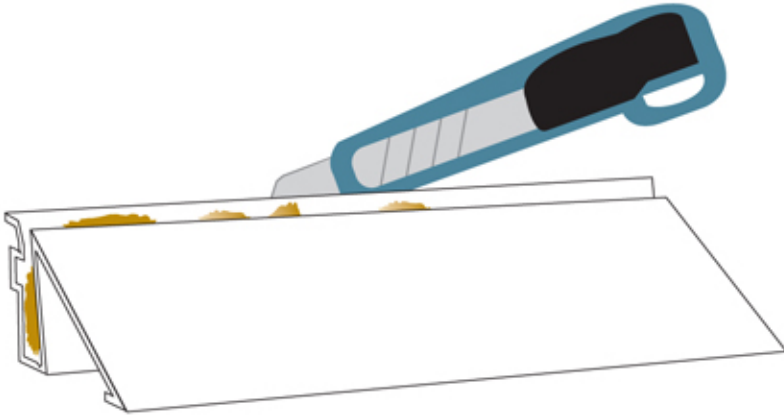
Step 1. With the appropriate safety clothing and personal protection measurements in place, remove the broken shards one by one completely and safely discard/recycle.



**ALWAYS
WEAR
PPE**

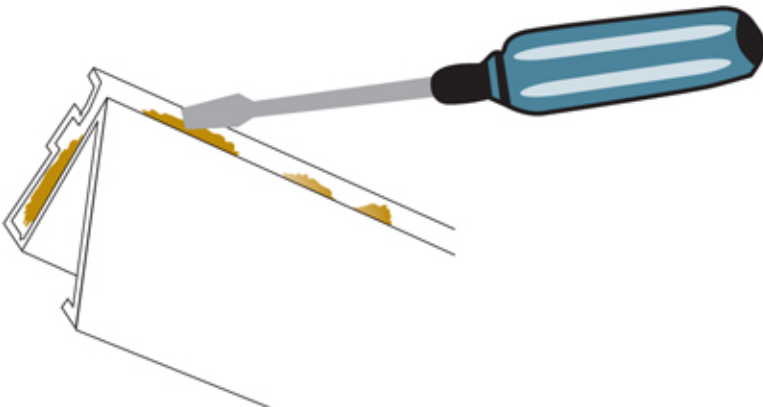


Step 2. Insert the blade between the profile and the frame, cut deep and repeatedly into the adhesive, making sure the grip of the adhesive on the frame and profile is completely broken.



Step 3. Once you have cut right around the frame, pull slowly on one of the profile ends, allowing the flexibility of the profile to come away from the frame. You might need to continue cutting as you expose more of the adhesive bond.

Step 4. With a 3-4mm flat screw driver, scrape the adhesive from the inside of the profile, and with a scraper or blade, clean the outside parts of adhesive.



Step 5. Clean the frame of adhesive and prepare as if you would for a normal installation.

Step 6. If the profiles are still in a good condition, use it again with new glass and fresh adhesive.

Glass Thickness
(If full installation method is used)

Frame

Application

Packaging

Full Installation

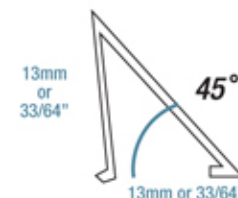
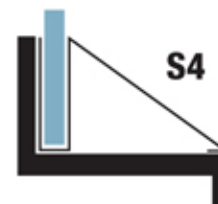
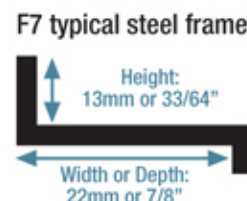
Frontal Only Method
(Profile front snapped off - glass thickness is irrelevant)

All stock comes in 2.4m or 7,87" pieces unless otherwise stated or special order

S4

ORDERING CODE
SW4 = S4 IN WHITE
SBL4 = S4 IN BLACK
SG4 = S4 IN LIGHT GREY

3 - 4mm or 1/8" - 11/64" thick panel glass

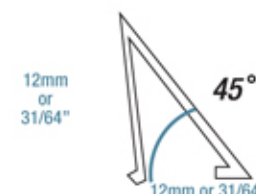
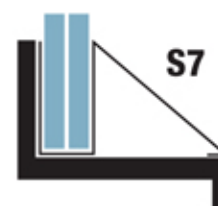
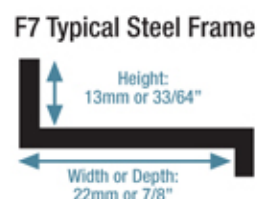


120m per bundle
50 x 2,4m lengths
11KG per bundle
Clear LDPE wrapped

S7

ORDERING CODE
SW7 = S7 IN WHITE
SBL7 = S7 IN BLACK
SG7 = S7 IN LIGHT GREY

5 - 7mm or 3/16" - 1/4" thick panel glass



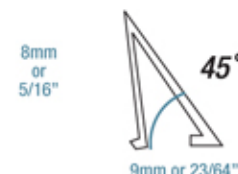
120m per bundle
50 x 2,4m lengths
11KG per bundle
Clear LDPE wrapped

W4

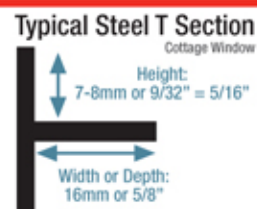
ORDERING CODE
WW4 = W4 IN WHITE
WBL4 = S4 IN BLACK
WG4 = W4 IN LIGHT GREY

On natural wood the WBL4 can be painted brown to match the colour.

3 - 4mm or 1/8" - 11/64" thick panel glass



120m per bundle
50 x 2,4m lengths
6KG per bundle
Clear LDPE wrapped



** All information is subject to change. Please enquire before ordering*

WWW.NU-GLAZE.CO.ZA • SALES@NU-GLAZE.CO.ZA

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