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# Glazing Tapes Pressure Sensitive Adhesives

## Best Practices for Vinyl Windows

# Three Critical Issues for PSAs

## □ Surface Cleanliness

- Use IPA to wipe down the lineal before applying
- Remove plasticizers, moisture, dirt, dust and PVC debris

## □ Uniform Pressure

- PSA = pressure sensitive adhesive
- Understand the difference between rubber and acrylic properties

## □ Do not Stretch the tape or the release liner

- The Liner is strong but can be stretched – it will try to recover and lift the tape over time



# Hybrid Foam Glazing Tape

## Rubber Adhesive to the lineal

The Rubber (Exposed or unroll side) adhesive requires being pressed into contact with the lineal

## Acrylic Adhesive to the Glass

Requires pressure but will build strength over 36–72 hours under the IG unit

# How Rubber PSAs Bond?

Pressure must be applied to the tape evenly on the entire dry, clean and dust free lineal

The Rubber (Exposed or unroll side) adhesive requires being pressed into contact with the lineal

Pressure must be Consistent and Uniform

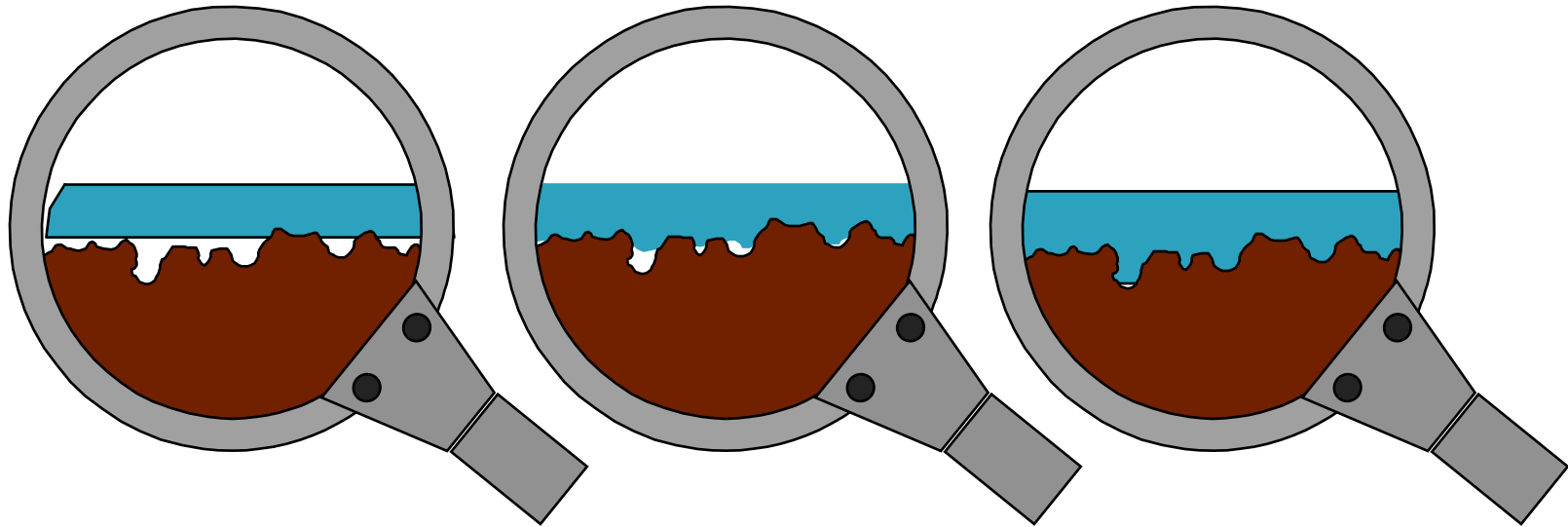
This may be difficult on Patio doors but it must be done.

Do not expect tacking the tape down every foot or two to be sufficient . All the tape has to be pressed into contact with the lineal

The tape or the release liner must not be stretched

# Dwell Time is Critical

Acrylic Adhesives flow over time Rubber Adhesives much less so and require pressure



**Initial Adhesion  
No Dwell Time**

**Ultimate Adhesion  
72 hrs @ 25 °C**

# How Acrylic PSA's Bond?

Pressure must be applied to the tape evenly

The Acrylic (liner side) adhesive is naturally pressed into contact with the glass

Pressure is applied by the uniform surface of the glass and the glazing bead

The release liner is pulled steadily from out under the IG glass. It is strong but must not be stretched to the point of tearing

# Bond Strength

acrylic adhesives exhibit cold flow to the glass over time – 36–72 hours to build strength

rubber adhesives are immediate and must be pressed onto the surface AND they do not exhibit cold flow

