

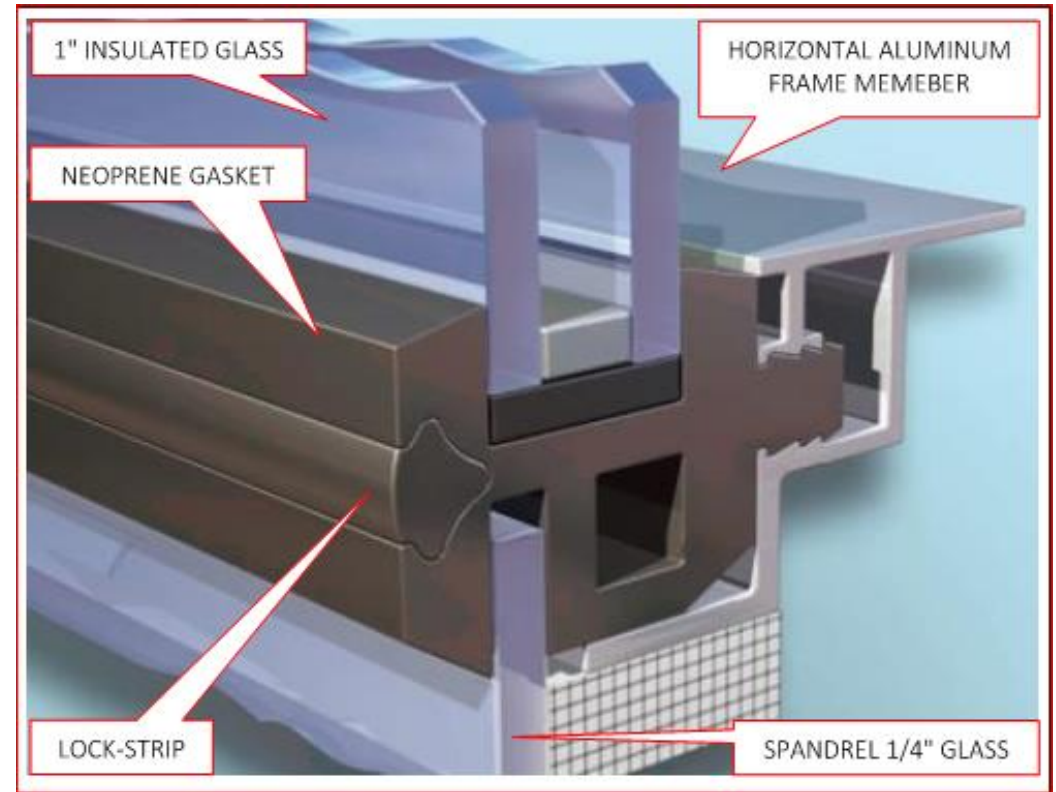
Spectrem Lock Strip Restoration Overlay



TREMCO
Commercial Sealants & Waterproofing



These Glazing Systems were very popular during the late 70's through the mid - 80's and many are now nearing the end of their useful service life.



Lock Strip or Zipper Wall Gasket Systems



PHOTO #3.
Failed IGU.
Note the moisture stains at the interior of the airspace as well as the loose desiccant material outside the spacer at the lower right corner.



PHOTO #4.
Failed IGU.
Note the moisture stains at the interior of the airspace.

The original black neoprene rubber has become brittle and discolored (gray) from exposure to UV over the years. Water may enter the system, resulting in building leaks and detrimental effects to the insulated glass unit. This continued exposure also causes the rubber to become dry and brittle, resulting in powder residue rundown discoloring windows.

Why Consider Restoration?

- Water intrusion
- Air leakage - condensation
- Renewal of aesthetics (graying rubber appearance and residue rundown)
- Correct improper installation or damage from glass replacement from failing IGU's.

Lost performance due to aging (most 30 yr +)

Examples of Aging Lock Strip Glazing Systems





Option #1 - Sealant Spot Repair

- Wet Seal or Sealant Repair
 - Short term fix
 - Normally spot “band aid” repairs
 - Adhesion not guaranteed long term
 - Short term warranty



Option #2 - Replacement of Glazing System

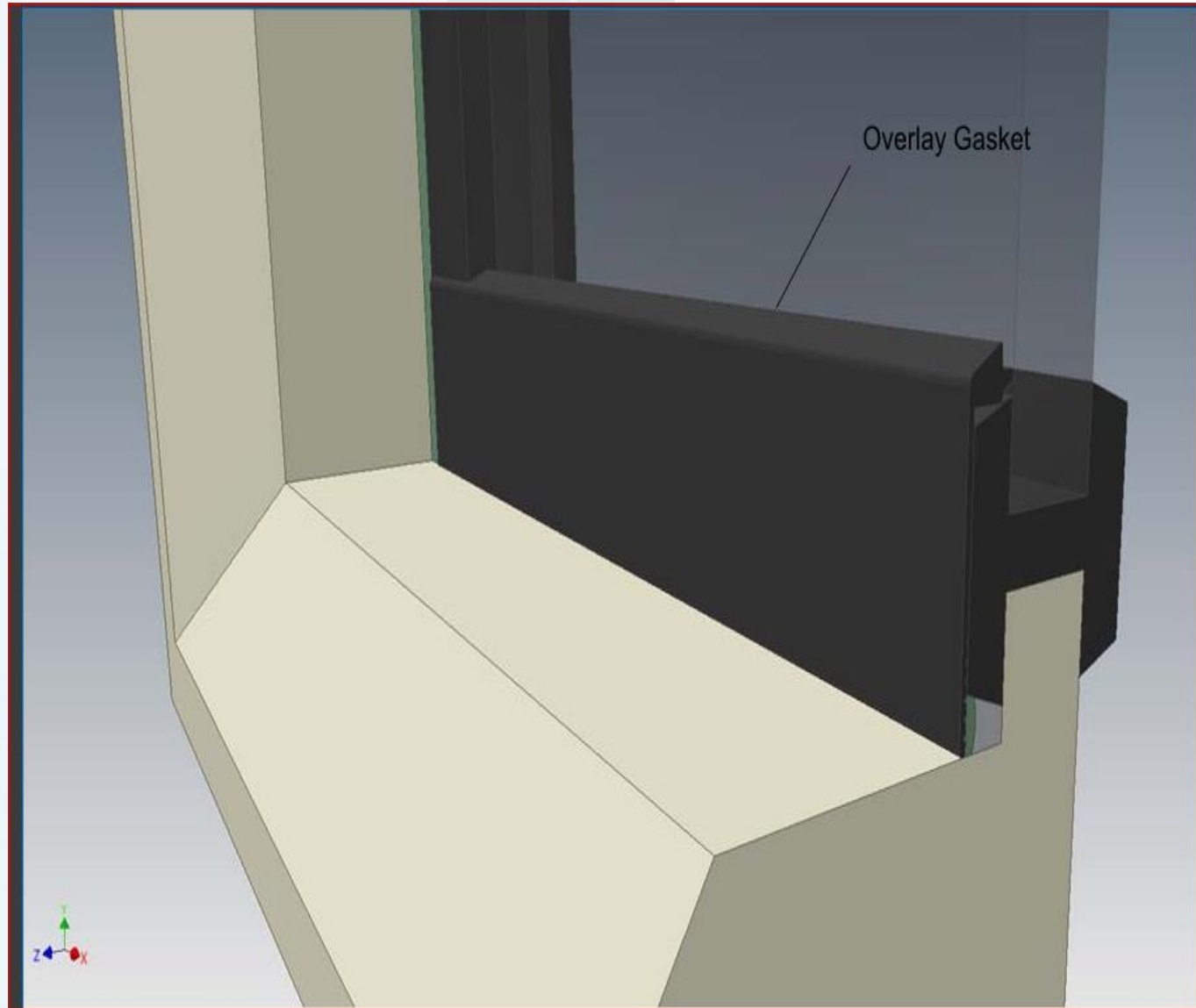
- Complete Phased Façade Replacement
 - Occupied Building?
 - Extremely Disruptive
 - Extremely Expensive



Figure 11: Installed suspended scaffolding and hoist towers

Restoration Overlay Option #3

- SPECTREM RESTORATION OVERLAY
 - Effectively Encapsulates Lock Strip System
 - Cost Effective
 - Long Term, Durable Alternative
 - Easily Installed, No Dirt Pick up*
 - Minimal Disruption to Occupied Buildings
 - Building Lifecycle is Extended
 - Aesthetic Upgrade





Adhesion Mock Up Test

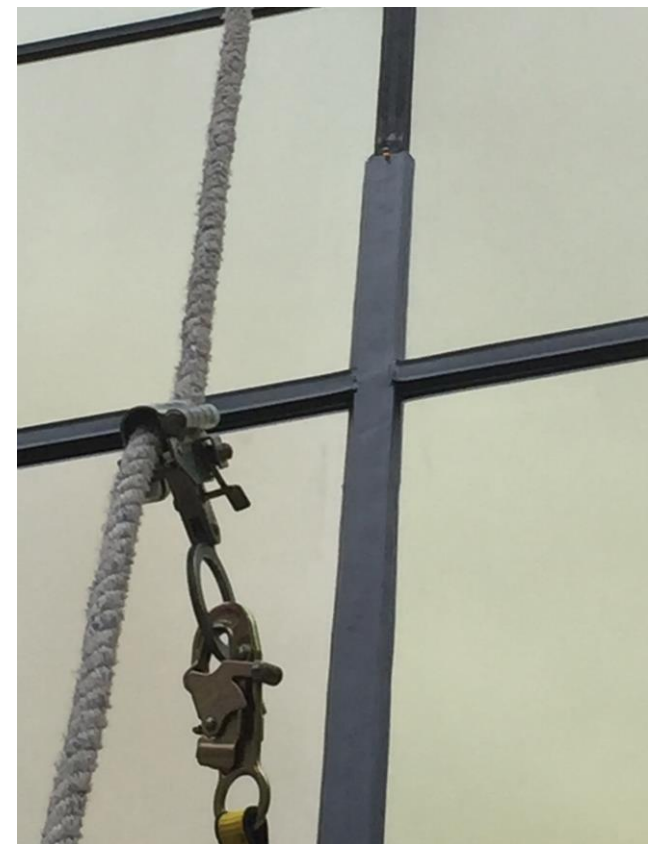
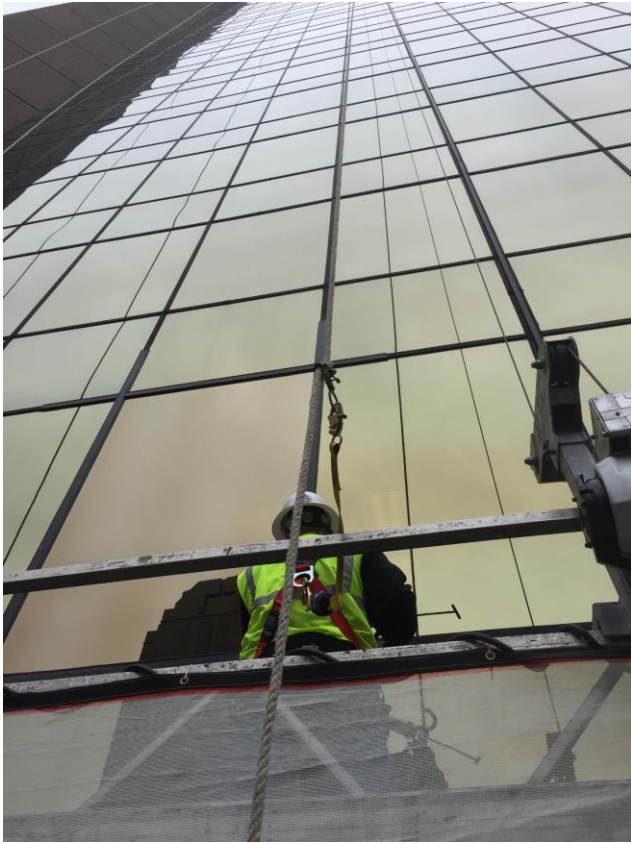


Overlay System Installation...

Extruded Silicone Overlay

Lock Strip Option 3 - Restore

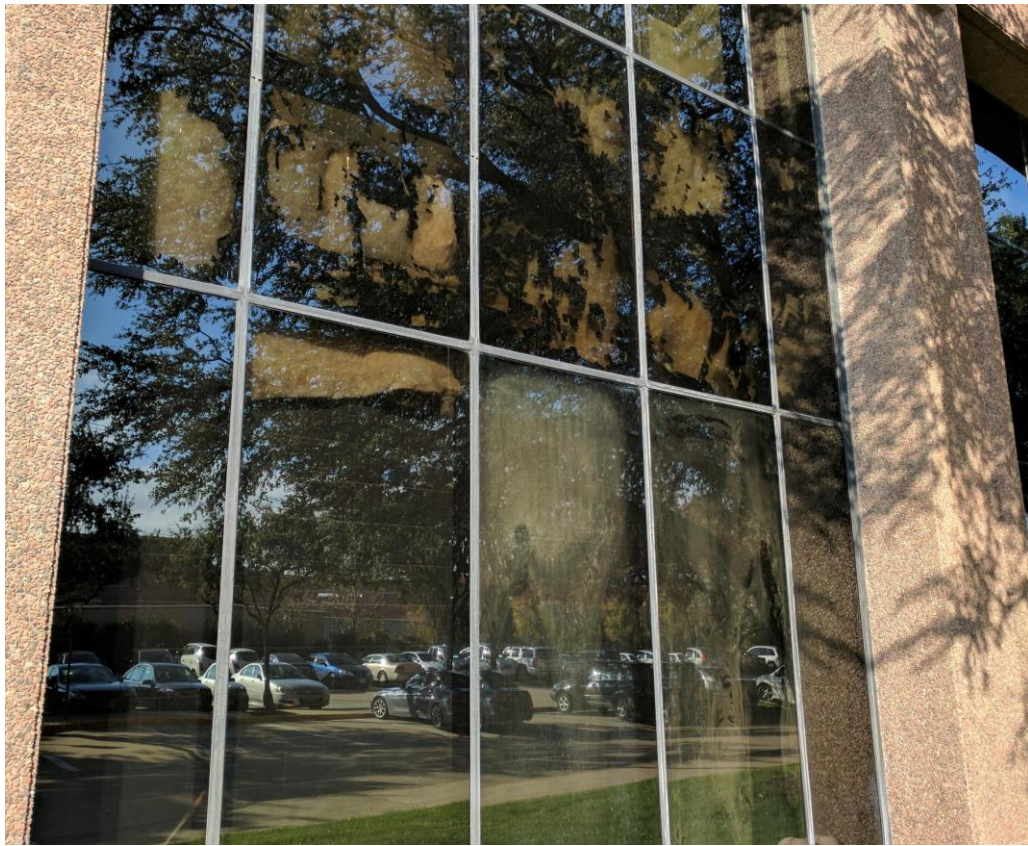




KPMG Tower Installation (Dallas)



10700 North Freeway (Houston)



9330 LBJ (Dallas) Before & After

UTSW Medical (Dallas)



3D Print to Confirm Sizing



New on left, old on right



Completed Finish

Features and Benefits

- Ease of installation
- Superior L&M Warranty Available
- Eliminates Leaks – Air and Water
- Renews Aesthetics & Extends Building life cycle
- Minimal disruption to building occupants
- Very Cost Effective

Process

- Contact Tremco Rep – Confirm Sizing
- Tremco Design Engineering Group (DEG) Analysis
- Receive DEG Part Recommendations
- Confirm Part (if existing) or DEG Creates Die Drawing for Customer Review
- Use 3D Print to Confirm Sizing
- Get Quotes Through Selected Contractor Network

