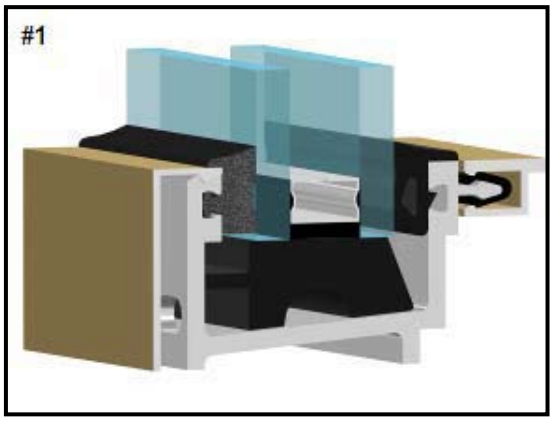
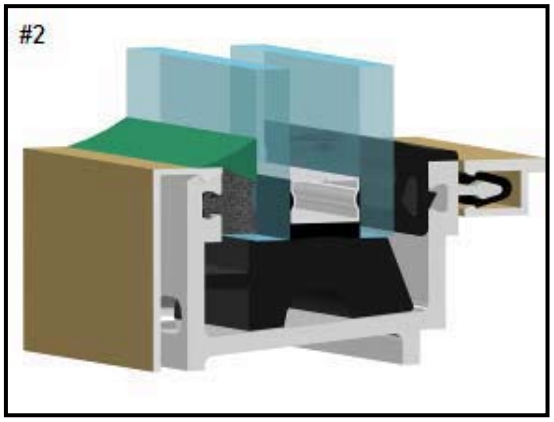
TREMCO®
Commercial Sealants & Waterproofing

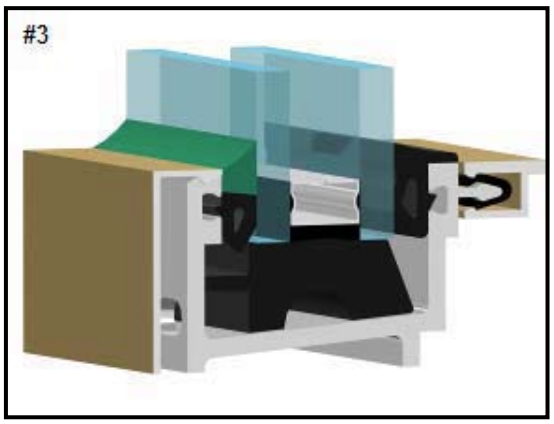
Dry Glazing System:
Interior Set – Sponge/Wedge Application



- This system shows a sponge (Closed Cell) gasket to the exterior with a dense drive-in wedge to the interior.
- These components rely on compression to minimize air and water infiltration.
- These systems are designed to accommodate some water infiltration.
- If the window and/or wall system unit is allowing water to enter the structure, testing should be done to determine the entry point(s) of the water. Go to Investigation and Support for more information.



- If the internal metal-to-metal seals have been determined to have failed or were improperly installed the most economical method of correcting the problem may be to wet seal the exterior with a cap bead of silicone sealant.
- This system as shown in detail (2) has an exterior snap cover. By cutting back the exterior sponge gasket as shown the snap cover does not provide a proper bonding surface for the silicone sealant.



- In detail (3) the exterior sponge has been removed and a silicone headless wedge driven down in its place.
- The silicone cap bead can adhere to the metal stop below the sightline.
- Tremco requires a minimum of 3/16” of contact area on both the glass and metal surfaces for proper bonding of the silicone sealant.

For more information on Tremco’s Glazing and Facade Restoration Solutions, please visit our website at www.tremcosealants.com or contact your local Tremco Sales Representative.

An RPM Company

3735 Green Road
Beachwood, OH 44122
216.292.5000 • 800.321.7906

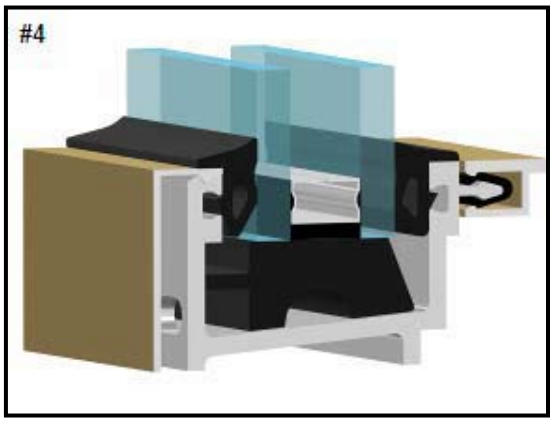
1451 Jacobson Avenue
Ashland, OH 44805
800.321.6357

220 Wicksteed Avenue
Toronto, ON M4H 1G7
416.421.3300 • 800.363.3213

TREMCO®
Commercial Sealants & Waterproofing

www.tremcosealants.com

TREMCO®
Commercial Sealants & Waterproofing



- The exterior sponge may also be replaced with a new Poly-Wej gasket if the internal metal-to-metal seals have been confirmed to be performing properly.
- Poly-Wej gaskets have the ability to accommodate a certain amount of joint tolerance and can limit air and water infiltration.

For more information on Tremco's Glazing and Facade Restoration Solutions, please visit our website at www.tremcosealants.com or contact your local Tremco Sales Representative.

An RPM Company

3735 Green Road
Beachwood, OH 44122
216.292.5000 • 800.321.7906

1451 Jacobson Avenue
Ashland, OH 44805
800.321.6357

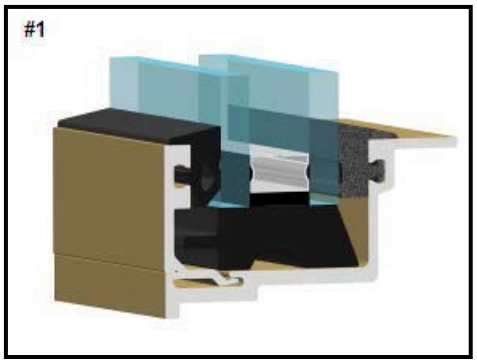
220 Wicksteed Avenue
Toronto, ON M4H 1G7
416.421.3300 • 800.363.3213

TREMCO®
Commercial Sealants & Waterproofing

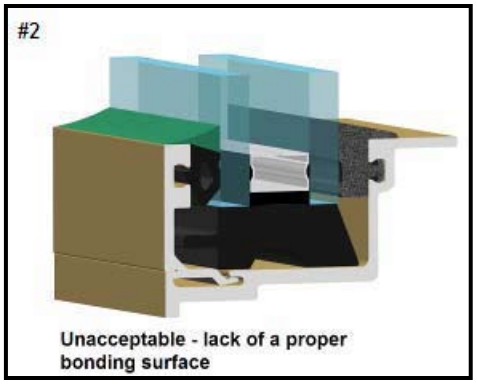
www.tremcosealants.com

TREMCO®
Commercial Sealants & Waterproofing

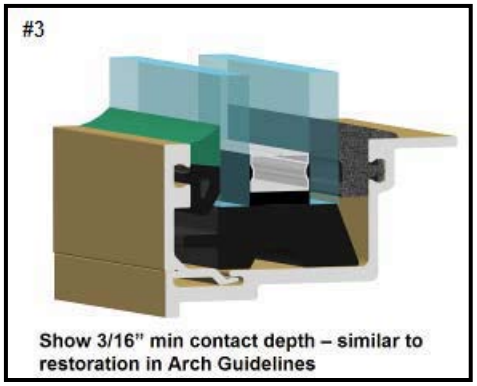
Dry Glazing System:
Exterior Set – Wedge/Sponge Application



- This system shows a wedge gasket to the exterior with a pre-set sponge (closed cell) to the interior.
- These components rely on compression to minimize air and water infiltration.
- These systems are designed to accommodate some water infiltration.
- If the window and/or wall system unit is allowing water to enter the structure, testing should be done to determine the entry point(s) of the water. Go to Investigation and Support for more information.
- If the internal metal-to-metal seals have been confirmed to be performing properly, the exterior wedge may be replaced (assuming the interior gasket is still performing properly) with a new Poly-Wej gasket. This gasket has the ability to accommodate a certain amount of joint tolerance while limiting air and water infiltration.
- If the internal metal-to-metal seals have been determined to have failed or were improperly installed the most economical method of correcting the problem may be to wet seal the exterior with a cap bead of silicone sealant.



- Detail (2) shows an option to cut the top portion of the wedge to apply a cap bead of silicone sealant.
- In some systems this may cause the exterior removable stop to become unstable if the remaining portion of gasket falls inward.
- Tremco requires a minimum of 3/16” of contact area on both the glass and metal surfaces for proper bonding of the silicone sealant.
- If the metal surface at the sightline is less than 3/16” then other options need to be considered to provide proper bonding surface.
- A sealant bead with having a thin cross-sectional feathered edge, as shown, is also unacceptable.



- In detail (3) the exterior wedge has been removed and a headless wedge driven down in its place.
- The silicone cap bead can then adhere to the metal stop below the sightline and bond with the headless wedge to retain stability.
- Another consideration is how to seal corners and metal intersections. This may require new custom gaskets to provide proper seals. Go to SILICONE MOLDED SPLICE CONNECTIONS AND COMPONENTS for more information.

For more information on Tremco’s Glazing and Facade Restoration Solutions, please visit our website at www.tremcosealants.com or contact your local Tremco Sales Representative.

An RPM Company

3735 Green Road
Beachwood, OH 44122
216.292.5000 • 800.321.7906

1451 Jacobson Avenue
Ashland, OH 44805
800.321.6357

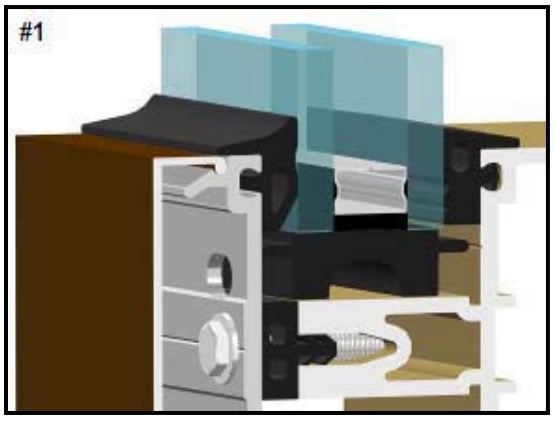
220 Wicksteed Avenue
Toronto, ON M4H 1G7
416.421.3300 • 800.363.3213

TREMCO®
Commercial Sealants & Waterproofing

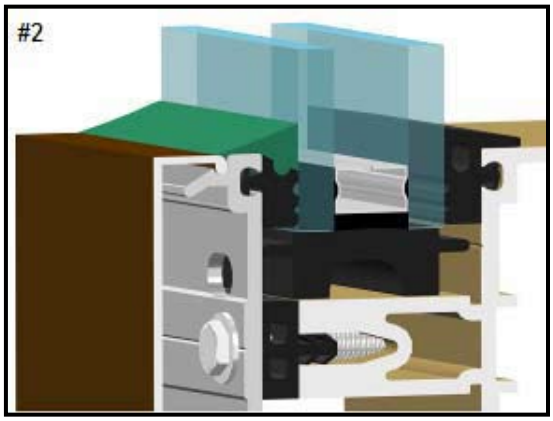
www.tremcosealants.com

TREMCO®
Commercial Sealants & Waterproofing

Dry Glazing System:
Pressure Bar System – Dense/Dense Application



- This pressure bar system shows a pre-set dense gasket to the exterior with the same pre-set dense to the interior.
- These components rely on gasket compression to minimize air and water infiltration.
- These systems are designed to allow water to weep out. See investigation section for more information. Go to Investigation and Support for more information.
- If the window and/or wall system unit is allowing water to enter the structure, testing should be done to determine the entry point(s) of the water.
- If the internal metal-to-metal seals have been confirmed to be performing properly, the exterior pre-set gasket may be replaced with a new Poly-Wej gasket which has the ability to accommodate a certain amount of joint tolerance while limiting air and water infiltration.
- Precautions need to be taken while installing the new Poly-Wej gasket to minimize rotation of the pressure plate, which can make the installation more difficult.
- If the internal metal-to-metal seals have been determined to have failed or were improperly installed the most economical method of correcting the problem may be to wet seal the exterior with a cap bead of silicone sealant.



- Detail (2) shows an option to cut the top portion of the pre-set dense gasket to apply a cap bead of silicone sealant.
- In this system there appears to be sufficient contact area for the silicone sealant to bond to the structural pressure plate.
- Tremco requires a minimum of 3/16” of contact area on both the glass and metal surfaces for proper bonding of the silicone sealant.
- If the metal surface at the sightline is less than 3/16” then other options need to be considered to provide a proper bonding surface.
- A sealant bead with having a thin cross-sectional feathered edge as shown would be unacceptable.

For more information on Tremco’s Glazing and Facade Restoration Solutions, please visit our website at www.tremcosealants.com or contact your local Tremco Sales Representative.

An RPM Company

3735 Green Road
Beachwood, OH 44122
216.292.5000 • 800.321.7906

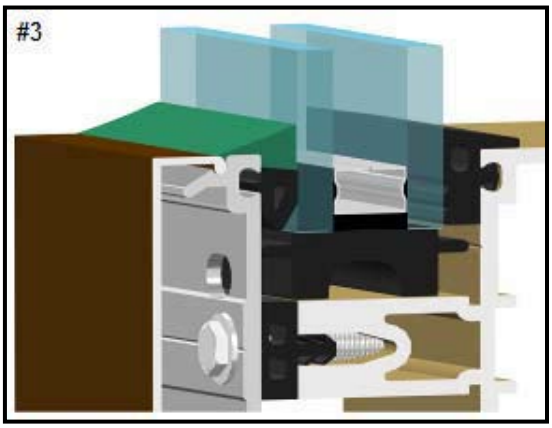
1451 Jacobson Avenue
Ashland, OH 44805
800.321.6357

220 Wicksteed Avenue
Toronto, ON M4H 1G7
416.421.3300 • 800.363.3213

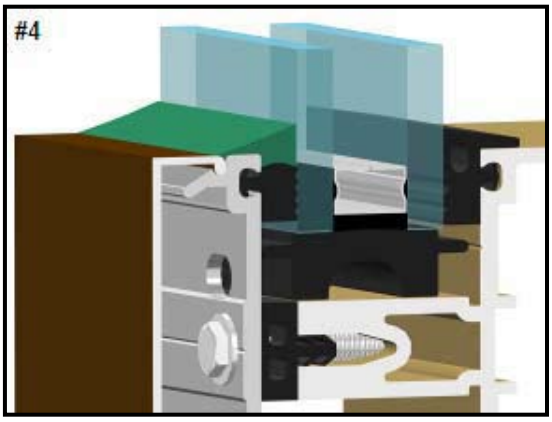
TREMCO®
Commercial Sealants & Waterproofing

www.tremcosealants.com

TREMCO®
Commercial Sealants & Waterproofing



- In detail (3) the exterior pre-set gasket has been removed and a silicone headless wedge driven down in its place.
- The silicone cap bead can then adhere to the metal below the sightline, while the sealant at the metal sightline is cosmetic to cover the unfinished metal.



- In detail (4) the exterior pre-set gasket has been removed and a pre-set spacer gasket, which is designed to be recessed below the sightline, is installed with a silicone cap bead.
- This will require the pressure plate to be removed, which may have been necessary to repair metal-to-metal joinery seals and joint plug/end dams seals.
- Another consideration is how to seal corners and metal intersections. This may require new custom gaskets to provide proper seals. Go to SILICONE MOLDED SPLICE CONNECTIONS AND COMPONENTS for more information.

For more information on Tremco's Glazing and Facade Restoration Solutions, please visit our website at www.tremcosealants.com or contact your local Tremco Sales Representative.

An RPM Company

3735 Green Road
Beachwood, OH 44122
216.292.5000 • 800.321.7906

1451 Jacobson Avenue
Ashland, OH 44805
800.321.6357

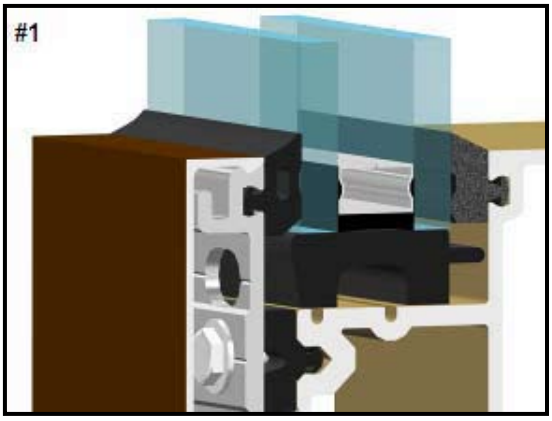
220 Wicksteed Avenue
Toronto, ON M4H 1G7
416.421.3300 • 800.363.3213

TREMCO®
Commercial Sealants & Waterproofing

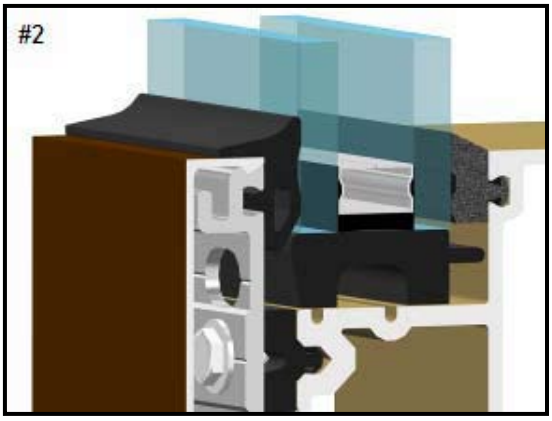
www.tremcosealants.com

TREMCO®
Commercial Sealants & Waterproofing

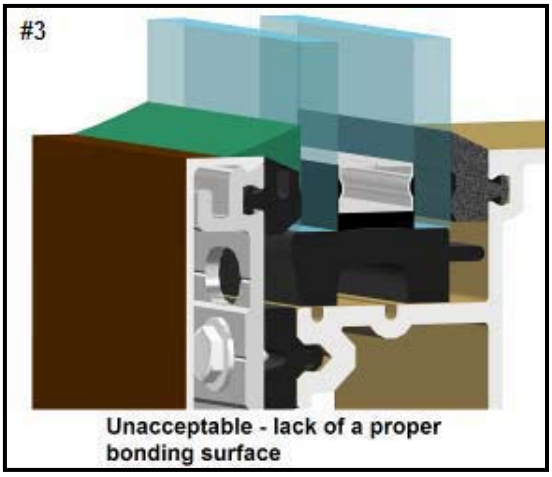
Dry Glazing System:
Pressure Bar System – Dense/Sponge Application



- This pressure bar system shows a pre-set dense gasket to the exterior with a pre-set sponge (closed cell) gasket to the interior.
- These components rely on gasket compression to minimize air and water infiltration.
- These systems are designed to allow water to weep out.
- If the window and/or wall system unit is allowing water to enter the structure, testing should be done to determine the entry point(s) of the water. Go to Investigation and Support for more information.



- If the internal metal-to-metal seals have been confirmed to be performing properly, the exterior pre-set gasket may be replaced with a new Poly-Wej gasket which has the ability to accommodate a certain amount of joint tolerance while limiting air and water infiltration.
- Precautions need to be taken while installing the new Poly-Wej gasket as to minimize rotation of the pressure plate, which can make the installation more difficult.



- If the internal metal-to-metal seals have been determined to have failed or were improperly installed the most economical method of correcting the problem may be to wet seal the exterior with a cap bead of silicone sealant.
- This system as shown in detail (3) has an exterior snap cover.
- By cutting back the exterior pre-set dense gasket as shown the snap cover does not provide a proper bonding surface for the silicone sealant.

For more information on Tremco's Glazing and Facade Restoration Solutions, please visit our website at www.tremcosealants.com or contact your local Tremco Sales Representative.

An RPM Company

3735 Green Road
Beachwood, OH 44122
216.292.5000 • 800.321.7906

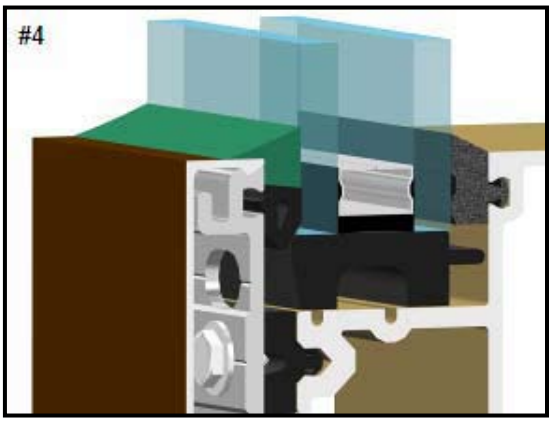
1451 Jacobson Avenue
Ashland, OH 44805
800.321.6357

220 Wicksteed Avenue
Toronto, ON M4H 1G7
416.421.3300 • 800.363.3213

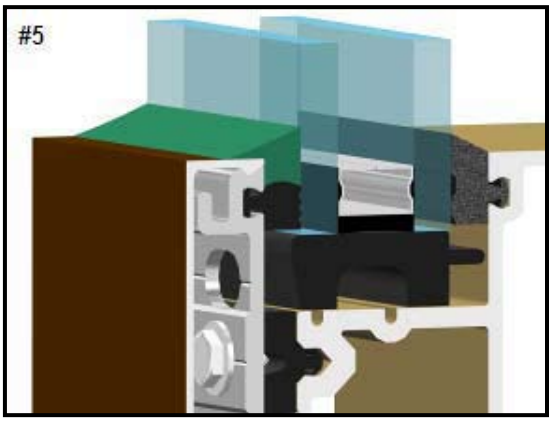
TREMCO®
Commercial Sealants & Waterproofing

www.tremcosealants.com

TREMCO®
Commercial Sealants & Waterproofing



- In detail (4) the exterior pre-set dense gasket has been removed and a headless wedge driven down in its place.
- The silicone cap bead can then adhere to the metal below the sightline. Tremco requires a minimum of 3/16” of contact area on both the glass and metal surfaces for proper bonding of the silicone sealant.



- In detail (5) the exterior pre-set dense gasket has been removed and a pre-set spacer gasket, which is designed to be recessed below the sightline, is installed with a silicone cap bead.
- This will require the pressure plate to be removed, which may have been necessary to repair metal-to-metal joinery seals and joint plug/end dams seals.
- Another consideration is how to seal corners and metal intersections. This may require new custom gaskets to provide proper seals. Go to SILICONE MOLDED SPLICE CONNECTIONS AND COMPONENTS for more information.

For more information on Tremco’s Glazing and Facade Restoration Solutions, please visit our website at www.tremcosealants.com or contact your local Tremco Sales Representative.

An RPM Company

3735 Green Road
Beachwood, OH 44122
216.292.5000 • 800.321.7906

1451 Jacobson Avenue
Ashland, OH 44805
800.321.6357

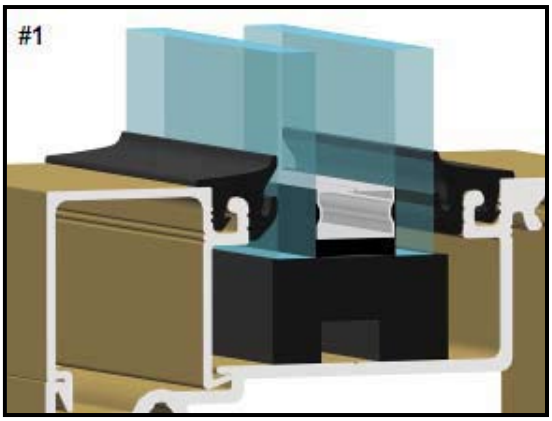
220 Wicksteed Avenue
Toronto, ON M4H 1G7
416.421.3300 • 800.363.3213

TREMCO®
Commercial Sealants & Waterproofing

www.tremcosealants.com

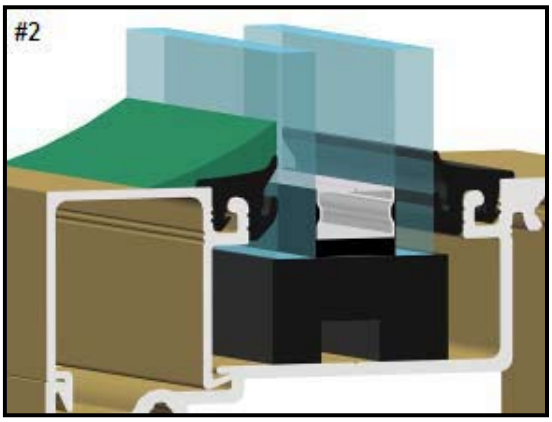
TREMCO®
Commercial Sealants & Waterproofing

Dry Glazing System:
Top Load Flush Glazed System Application

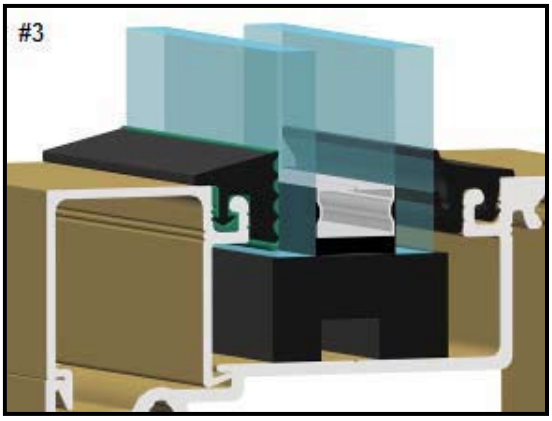


- This store front system utilizes top load wedge gaskets on either side of the glass.

- These systems are designed to allow water to weep out.
- If the system unit is allowing water to enter the structure, testing should be done to determine the entry point(s) of the water.
- If the internal metal-to-metal seals have been determine to have failed or were improperly installed the most economical method of correcting the problem may be to wet seal the exterior with a cap bead of silicone sealant. Go to Investigation and Support for more information.



- Detail (2) shows an option to apply a cap bead of silicone sealant over the top of the existing gasket.
- In this system there is sufficient contact area for the silicone sealant to bond to the structural removable stop and glass surface.
- Tremco requires a minimum of 3/16” of contact area on both the glass and metal surfaces for proper bonding of the silicone sealant.
- A sealant bead with a feathered edge would be unacceptable.



- Applying 3/16” of sealant above the gasket may be unsightly from the interior.
- If this is the case, a custom silicone extrusion can be made to replace the existing gasket and can be embedded into the silicone sealant to create a seal between the metal stop and glass face.
- These custom silicone gaskets can be extruded in any color and/or in a metallic finish to match the framing system.
- Another consideration is how to seal corners and metal intersections. This may require new custom gaskets to provide proper seals. Go to SILICONE MOLDED SPLICE CONNECTIONS AND COMPONENTS for more information.

For more information on Tremco’s Glazing and Facade Restoration Solutions, please visit our website at www.tremcosealants.com or contact your local Tremco Sales Representative.

An RPM Company

3735 Green Road
Beachwood, OH 44122
216.292.5000 • 800.321.7906

1451 Jacobson Avenue
Ashland, OH 44805
800.321.6357

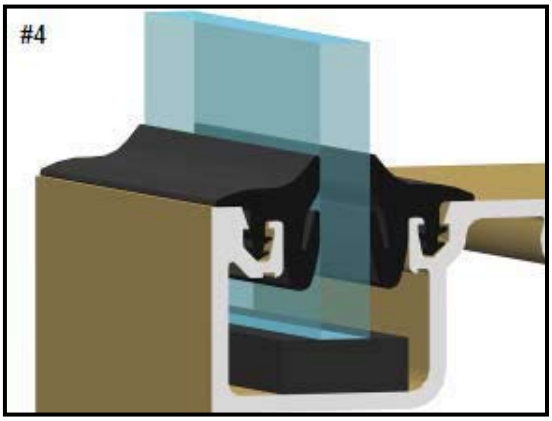
220 Wicksteed Avenue
Toronto, ON M4H 1G7
416.421.3300 • 800.363.3213

TREMCO®
Commercial Sealants & Waterproofing

www.tremcosealants.com

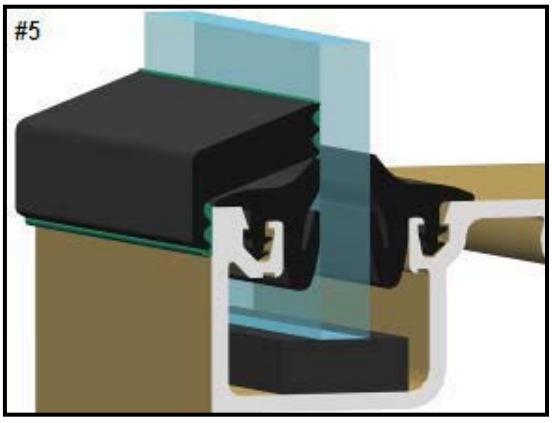
TREMCO®
Commercial Sealants & Waterproofing

Dry Glazing System:
Top Load Flush Glazed System Application



- This store front system utilizes top load wedge gaskets on either side of the glass.

- These systems are designed to allow water to weep out.
- If the system unit is allowing water to enter the structure, testing should be done to determine the entry point(s) of the water. Go to Investigation and Support for more information.
- If the internal metal-to-metal seals have been determine to have failed or were improperly installed the most economical method of correcting the problem may be to wet seal the exterior with a cap bead of silicone sealant.



- In applications where there may not be sufficient metal surface contact area for a cap bead of silicone sealant, a custom silicone extrusion may provide a better cleaner option to bridge over the existing wedge gasket.
- These custom silicone gaskets can be extruded in any color and/or in a metallic finish to match the framing system.
- Another consideration is how to seal corners and metal intersections. This may require new custom gaskets to provide proper seals. Go to SILICONE MOLDED SPLICE CONNECTIONS AND COMPONENTS for more information.

For more information on Tremco's Glazing and Facade Restoration Solutions, please visit our website at www.tremcosealants.com or contact your local Tremco Sales Representative.

An RPM Company

3735 Green Road
Beachwood, OH 44122
216.292.5000 • 800.321.7906

1451 Jacobson Avenue
Ashland, OH 44805
800.321.6357

220 Wicksteed Avenue
Toronto, ON M4H 1G7
416.421.3300 • 800.363.3213

TREMCO®
Commercial Sealants & Waterproofing

www.tremcosealants.com