

Product Description

Spectrem® Restoration Overlays are dense rubber extrusions used for restoration applications. The patented, innovative design solution provides long-lasting performance and aesthetics. These overlays are typically bonded with Spectrem 1 Silicone Sealant to provide a watertight seal.

Basic Uses

Spectrem® Restoration Overlays are custom designed to restore aging and/or compromised glazing systems including skylights, sloped glazing, zipper wall/lockstrip systems, and pressure bar systems.

Benefits of Spectrem® Restoration Overlays include:

- Cost effective alternative to traditional dry glazing repair method involving total removal and replacement of the system components
- Reduced time and labor versus other repair methods
- Less sealant versus other repair methods
- Easy installation and clean-up
- Better long-term performance against air and water leakage compared to traditional dry glazing repair method
- Color fast formula resistant to the effects of UV exposure
- Encapsulated wet seal is protected from exposure to the elements
- High movement capability
- Better overall aesthetic with sealant minimally visible providing straight sight lines on the interior and exterior for a clean appearance
- All joineries, screw heads, and other penetrations are covered
- Wide operational temperature range
- Non-corrosive and corrosion resistant
- Allows for ease of glass infill/other infill replacement for on-going maintenance

Many profiles are available depending upon existing metal requirements. Custom color matching is also available.

Limitations

Do not apply on damp or contaminated surfaces.

Spectrem® Restoration Overlays should not be used under the following conditions:

- Not intended for water immersion
- In association with building materials that release oils, plasticizers or other material

Surface Preparation

Surface must be sound, clean, and dry. Contact surfaces should be free of loose dirt, dust, oils, and any other contaminants. Tremco recommends that air temperatures be 40 °F (5 °C) or above before applying any sealant. If colder weather is imminent, please refer to the Tremco Guide for Cold Weather Applications at www.tremcosealants.com.

Application

Detailed application instructions are available from Tremco Technical Services or www.tremcosealants.com.

Availability

Spectrem® Restoration Overlays are generally custom manufactured. Their availability and cost may be obtained from your local Tremco Sales Representative, or by contacting Tremco's Customer Service Department in Ashland, Ohio, at 800-321-6357 or in Canada at 800-363-3213.

Packaging

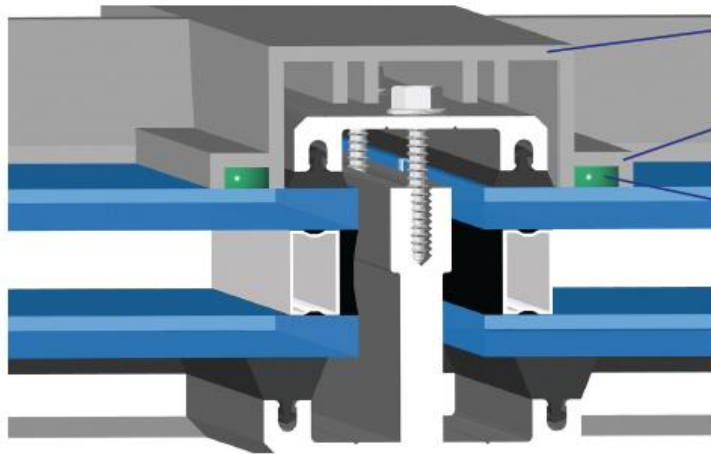
Spectrem® Restoration Overlays are packaged in cut lengths based on customer requirements.

Warranty

Tremco warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace or refund the purchase price of the quantity of Tremco Products proven to be defective, and Tremco shall not be liable for any loss or damage.

Spectrem® Restoration Overlay

Silicone Dense Rubber Extrusions



Spectrem® Restoration Overlay

Patented "foot" design
encapsulates sealant bead

Spectrem® 1 Silicone Sealant

Spectrem Restoration Overlay's patented design allows it to encapsulate leaking purlins while completely enclosing the silicone sealant bead. The result is a clean, aesthetically pleasing appearance plus an extra layer of protection that shields the sealant bead from exposure to the elements and eliminates air and moisture penetration.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	60 DUROMETER	70 DUROMETER
Shore "A" Hardness	ASTM D2240	65	70
Compression Set, 22 hr @ 212 °F (100 °C), Ozone Resistance, 100 mPa	ASTM D395	12.5%	11%
Ozone Resistance, 100 mPa 100 hr @ 104 °F (40 °C) 20% Elongation	ASTM D1149	No Cracks	No Cracks
Tensile Strength	ASTM D412	1139 psi (7.8 MPa)	1075 psi (7.4 MPa)
Elongation @ Rupture	ASTM D412	235%	167%
Tear Strength	ASTM D624	107 lb/in (18.7 kN/M)	121 lb/in (21.2 kN/M)
Brittleness Temperature @ -40°F (-40°C)	ASTM D746	Pass	Pass

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

0317/SGSKTDS-GL

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