

Product Description

ELBEX HS-222 is a translucent blue 30-mil-thick pre-cured silicone extrusion used to form an airtight, watertight and flexible barrier at above-grade transitions between fenestration to wall joints, roof to wall joints, and other building components to complete the air and water barrier system.

Manufacturer

ELBEX Corporation
300 Martinel Drive
Kent, Ohio 44240
www.elbex-us.com

Features and Benefits

- Provides best in class tear strength
- Provides high-movement seal capability at transition openings
- Available in translucent sheet for ease of quality control inspection
- Excellent material compatibility and adhesion with most silicone sealants
- 30-mil thickness for fast and easy installation into fenestration glazing pockets
- Can span gaps in excess of 1/4" unsupported

Applications

- Transitioning between different and/or intersecting construction materials
- Flashing at rough openings, sheathing joints, terminations and adjacent materials
- Treating movement joints

Physical Properties

| Property | Test Method | Results |
|-----------------------------|------------------------------|------------|
| Hardness, Shore A | ASTM D2240 (DIN 53505) | 52 Points |
| Tensile Strength | ASTM D412 (DIN 53504 S1) | 1450psi |
| Elongation | ASTM D412 (DIN 53504 S1) | 600% |
| Tear Strength | ASTM D624 (Dies B & C) | ≥ 222 ppi |
| Compression Set | ASTM D395 (DIN ISO 815-B) | 7.3% |
| Low Temperature Flexibility | ASTM D746 | Pass |
| Ozone Resistance | ASTM D1149 | Pass |
| Vapor Permeance | ASTM E96 B | 3.22 perms |

Physical properties of ELBEX HS-222 as indicated above are average data based on standard ASTM & DIN test slabs and buttons, and should not be used as, or to develop project specifications.

Project Conditions and Installation

Building codes and project specifications require continuity of the air and water barrier. It is the installer's responsibility to understand the extent and sequencing of the air barrier installation on the project. Surfaces shall be clean, frost/moisture free and of sound condition. ELBEX HS-222 is not self-adhering and must be adhered with a compatible sealant. For additional surface preparation information refer to the technical data sheet for the sealant being used to apply ELBEX HS-222. Contact PACE Representatives for information regarding sealant compatibility and adhesion testing with ELBEX HS-222.

Limitations

- Do not install below grade, or in areas where ponding water is expected
- Do not install in areas expected to exceed 180°F
- Do not install in direct contact with rubberized-asphalt
- Not intended for use at areas where frequent abrasion or physical abuse may occur

Packaging

ELBEX HS-222 is provided as a flat translucent blue sheet. Standard stocked sizes include 500-foot rolls in 4", 6 and 8" widths, and 250' rolls in 12" and 15" widths. ELBEX HS-222 can be provided with ribs and/or glazing darts, alternate colors, widths and thicknesses upon request. (*minimums may apply*)

Product Safety, Handling and Storage

Customers considering the use of this product should review the latest Material Safety Data Sheet and label for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required. Material Safety Data Sheets are available upon request. Use of other materials in conjunction with ELBEX HS-222 (e.g., sealants) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limited Warranty

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of ELBEX HS-222 are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

The sole warranty is that products will meet the sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. PACE Representatives shall not be liable for any incidental or consequential damages.