



335 WINDOW & DOOR SEALANT



TECHNICAL DATA SHEET



WATER TIGHT



LOW ODOR



UV RESISTANT

ASI 335 Window & Door Sealant is a single component, non-slump, moisture curing neutral cure oxime silicone that cures to form a tough, non-corrosive, flexible rubber with outstanding resistance to weather & UV degradation. ASI 335 Window & Door Sealant offers excellent adhesion without primer to vinyl, glass, aluminum, brick and a variety of other substrates (see list on back of TDS). It will not shrink, crack or pull away from substrates during curing because it is 100% silicone with outstanding physical properties including 35% joint movement. ASI 335 Window & Door Sealant will be easy & consistent to dispense over a wide range of temperatures because it does not contain any solvents or water.

COMMON BONDING SUBSTRATES:

ASI 335 Window & Door Sealant can be used on a variety of substrates. Please inquire or test your substrates before use. Substrates may vary with manufacturer. We have listed some common substrates:

- Kynar® Coated Substrates
- Glass
- Concrete, Brick, Mortar (porous substrates)
- Vinyl
- Most Metals
- Most Types Of Woods, Cement
- Board, & Fiber Board
- Most Fiberglass
- Aluminum
- Ceramic
- Most Coated Metals
- Most Painted Surfaces

Can be used on additional substrates not listed. End user is responsible for testing specific environment or substrate prior to use. Substrates may vary by manufacturer.

COMMON APPLICATIONS:

ASI 335 Window & Door Sealant is an excellent sealant/adhesive for many Commercial, Industrial and Construction applications. Common applications include:

- Window Manufacturing & Assembly
- Window Installation
- Metal Roofing Installation
- Door Manufacturing & Assembly
- Door Installation
- Siding Installation & Sealing
- Portable Housing
- RV Applications
- Glass Glazing
- Construction Applications
- Glass Block Installation & Sealing
- General Sealing & Bonding Applications

Can be used for other various applications depending upon substrate. Test all substrates before use.

FEATURES

- Extremely Resistant to UV Degradation And Weathering
- Advanced Adhesion Properties To Construction Substrates
- 25% Joint Movement Capability
- Easy To Extrude At Cold Temperatures
- Resists Extreme Temperatures & Chemicals
- One-Component, Easy To Use Formulation
- Cures To Form An Extremely Flexible Rubber
- Mold & Mildew Resistant
- Low Odor
- Non-Slump, Can Use On Overhead & Vertical Applications
- Excellent For Indoor & Outdoor Applications
- Creates A Waterproof Seal

CONFORMS, MEETS & EXCEEDS

- ASTM C920 Class 35, Type S, Grade NS, Use NT, G, A, O
- TT-S-01543A & TT-S-00230-C
- VOC Compliant (21 grams/liter ASTM D2369)
- AAMA 802.3-10, Type II Back Bedding Glazing Compound
- AAMA 803.3-10, Spec For Narrow Joint Seam Sealers, Type 1
- AAMA 805.2-10, Spec For Back Bedding Glazing Compound, Group C



| Physical Properties | Test Method | Result |
|-------------------------|-----------------|---------------------------------|
| Viscosity | ASI Test Method | 1,000,000 cps (Spindle 7, 4rpm) |
| Skin Formation Time | ASI Test Method | 20 minutes (70°F, 50% RH) |
| Density | ASTM D1475 | 8.5 lbs./gal |
| Hardness | ASTM C661 | 23 (Shore A) |
| Modulus 100% | ASTM D412 | 0.37 (MPa) |
| Tensile Strength | ASTM D412 | 260 psi |
| Elongation at Break | ASTM D412 | 560% |
| Application Temperature | ASI Test Method | -35°F to 150°F |
| Gun Grade | ASI Test Method | Pass (Non-Slump) |
| QUV Testing | ASTM G154 | Pass (10,000 hrs) |
| Service Temperature* | ASI Test Method | -70 °F to 400°F |
| Typical Cure Rate | ASI Test Method | 24 hrs. (1/8" bead) |

*Intermittent temperature up to 450°F. Information on this data sheet can change without notice and it is therefore not recommended that these figures be used in spec writing. If you have any questions contact manufacturer's sales and technical service department.

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ASI 335 WINDOW & DOOR SEALANT

COLORS

ASI 335 Window & Door Sealant is available in clear, white, black, bronze, forest green, renewal sandstone, flat white, canvas, red rock, beige, renewal terratone, cocoa been & terratone. Additional colors can be available for purchase. Inquire to ASI sales staff for additional information.

PACKAGING

ASI 335 Window & Door Sealant is stocked in cartridges. Additional packaging may be available upon request. Inquire to ASI sales staff for additional information.

SURFACE PREPARATION

All surfaces should be dry and clean. 100% IPA (isopropyl alcohol) or acetone can be used to clean the surface depending on the substrate. DO NOT USE petroleum based solvents. Priming for ASI 335 Window & Door Sealant is not normally required. If a primer is required, please inquire to ASI sales staff. Unprimed adhesion can be easily tested by applying a small trial bead and allowing 7 days for maximum adhesion to occur. If primer is required, contact ASI.

DIRECTIONS

ASI 335 Window & Door Sealant is ready to use and requires no mixing or additives. Tooling, if necessary, should be done before skinning takes place (20 minutes). In applications where partial or total confinement of sealant is prevalent, the time required for proper cure is generally lengthened by the degree of confinement. Higher temperature and higher humidity will accelerate skin & cure time. Cold temperatures and low humidity will slow down skin & cure time.

CLEAN UP

Wet adhesive can be cleaned with ASI 0240 Adhesive Remover & Cleaner. Dry sealant can be removed by abrading or scraping with aid from ASI 0240. See ASI 0240 TDS for more information.

CAUTION/SAFETY

Please refer to the SDS for the corresponding product for information regarding safety and handling.

TESTING

Test per application requirement. Allow 7 days for maximum strength to develop before testing adhesion or strength.

STORAGE

When stored at 70°F and 50% RH, ASI 335 Window & Door Sealant has a shelf-life of 12 months from date of shipment in cartridges, squeeze tubes, pails & drums. High temperature and high humidity can significantly reduce shelf-life.

MILITARY SPECIFICATION

ASI 335 Window & Door Sealant meets the requirements of MIL 46106B Type 1.

LIMITATIONS

Do not store at elevated temperatures. Use only on clean surfaces free of contaminants. Cold temperature and low humidity will slow curing. ASI Window & Door Sealant can discolor copper around applied area or confined area. It should not be exposed to rain or water before skinning takes place. ASI 335 WINDOW & DOOR SEALANT IS NOT PAINTABLE.

WARRANTY LIMITATIONS

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain such authorization. Because the storage, handling and application of the material is beyond ASI's control, we can accept no liability for the results obtained. ASI's sole limited warranty is that the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. ASI will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted. Suggestions of uses should not be taken as inducements to infringe upon any patents.



Manufacturer of
Verified Components



TDS ASI 335WS 101723