



# ULTRASEAL™ GREEN

## HIGH STRENGTH DUCT SEALANT/ MASTIC

### TECHNICAL DATA SHEET

#### PRODUCT DESCRIPTION:

Ultraseal™ Green is a fibrous interior/ exterior-grade sealant used in the fabrication, sealing and coating of UL 181B Flexible Air Ducts, and can be used with metal, fiberglass and flexible heating and air conditioning duct systems.

#### ADVANTAGE:

- Resistant to extreme temperature changes and aging
- Highly resistant to mold and mildew
- Resistant to oil or grease
- Mildly resistant to alkalis and acids
- Easy to apply and clean up
- No sag

#### TYPICAL PROPERTIES:

Property	Typical Value
Base:	Synthetic Polymer
Solvent:	Water
Shelf Life:	1 year from Date of Manufacture*
Colors:	Gray
Flash Point:	N/A
Weight/ Gallon	11.83 lbs/ gallon
VOC Content	2.70 g/L (EPA Method 24)
Viscosity	350,000 –400,000 cps
Open Time	1 hour
Dry Time	24 - 48 hours
Solids	70.2% ± 2.0%
Coverage	100 -125 sq. feet/ gal
Formaldehyde	No urea formaldehyde added during adhesive manufacturing

\* The shelf life for an unopened container of this adhesive stored at temperatures between 60°F (15.6°C) and 95°F (35°C) is 1 year from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall

#### DIRECTIONS FOR USE:

- DO NOT THIN.
- Close container after each use.
- Clean surface, ensuring it is free from grease and dirt. Clean duct board according to the duct board manufacturer’s recommendations.
- Using a brush or trowel, apply a 3” wide band of mastic around the collar at a coverage rate of 100 – 125 sq ft/ gal
- Do not apply below 40°F.

#### REGULATORY COMPLIANCE:

SCAQMD Rule 1168  
 (South Coast Air Quality Management District)  
 California Air District Regulations  
 Ozone Transport Commission (OTC) Rule for Adhesives and Sealants  
 Meets SMACNA Seal Classes A, B, C  
 181B-M Mastic closure systems for use with flexible air ducts 2R59

#### SUSTAINABILITY GUIDE:

- GREENGUARD® GOLD Children & Schools Certified
- GREENGUARD® Indoor Air Quality Certified
- Contributes to LEED® and other green building rating system credits:
  - LEED-NC and LEED-CI EQ Credits 4.1
  - LEED-EB MR Credit 3
  - LEED for Schools EQ Credit 4
  - LEED Core & Shell EQ Credit 4.1
  - LEED for Homes MR Credit 2.2 Environmentally Preferable Materials
  - Green Guide for Health Care EQ Credit 4.1
  - NAHB Model Green Home Bldg Guidelines – Sect 7, Global Impact 7.1.3
  - CHPS (Collaborative for High Performance Schools EQ Credit 2.2

#### UNDERWRITERS LABORATORIES INC.

Classified: Adhesives R-6891 UL723 Classified (ASTM E-84)  
 Surface burning characteristic applied to inorganic reinforced cement board  
 Flame Spread.....0  
 Smoke Developed.....0  
 Tested as applied in a 2” wide strip at a coverage rate of 125 sq ft/ gal.  
 Flash point of liquid adhesive (closed cup), no flash to boiling.  
 Underwriters Laboratories Listed 181 B-M 18700

**KEEP OUT OF REACH OF CHILDREN  
FOR PROFESSIONAL OR INDUSTRIAL USE ONLY  
USE ONLY WITH APPROVED EQUIPMENT**

**NOTICE TO PURCHASER:**

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Complete technical information is available from  
ITW Polymers Sealants North America, Inc.

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