



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	0 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:

NO WARRANTIES, EXPRESS OR IMPLIED, ARE MADE INCLUDING MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE. EXCEPT FOR PERSONAL INJURY RESULTING FROM USE OF THE PRODUCT AS DIRECTED, ITW POLYMERS SEALANTS NORTH AMERICA, INC. SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY LOSS OR DAMAGE. UNDER NO CIRCUMSTANCES SHALL ITW POLYMERS SEALANTS NORTH AMERICA, INC., A DIVISION OF ILLINOIS TOOL WORKS INC., OR ITS AFFILIATES ("ITW POLYMERS SEALANTS NORTH AMERICA, INC.") BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE PURCHASE, USE, OR INABILITY TO USE THIS PRODUCT, OR FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. THE USER MAY SEND A SAMPLE OF PRODUCT TO ITW POLYMERS SEALANTS NORTH AMERICA, INC. FOR TESTING. IF SUCH TESTING PROVES A PRODUCT DEFECTIVE, THE USER'S SOLE AND EXCLUSIVE REMEDY IS EITHER REIMBURSEMENT OF THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE CONTAINER OF PRODUCT. NO FABRICATOR, INSTALLER, DEALER, AGENT OR EMPLOYEE OF ITW POLYMERS SEALANTS NORTH AMERICA, INC. HAS THE AUTHORITY TO MODIFY THE OBLIGATIONS OR LIMITATIONS OF THIS.

WARRANTY:

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE; THEREFORE, SOME OF THE LIMITATIONS STATED ABOVE MAY NOT APPLY TO YOU. IT IS TO YOUR BENEFIT TO SAVE YOUR DOCUMENTATION UPON PURCHASE OF A PRODUCT. THE INFORMATION AND SUGGESTIONS FOR USE CONTAINED HEREIN ARE BELIEVED TO BE ACCURATE, BUT ARE NOT TO BE CONSTRUED AS WARRANTIES. USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR HIS OR HER INTENDED USE AND SHALL ASSUME ALL RISK ASSOCIATED THEREWITH.

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

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