

460 Landscape & Retaining Wall Adhesive

NuFlex
SEALANTS

CONSTRUCTION ADHESIVE TECHNICAL DATA SHEET

NuFlex® 460 Landscape & Retaining Wall Adhesive is a specially formulated, professional strength adhesive for use on retaining and landscape decorative wall systems.

TYPICAL USES:

NuFlex® 460 Landscape Retaining Wall Adhesive works well on dry, damp, and cold surfaces to provide a long lasting bond with superior strength and stability. It is strong enough to resist water and frost. Extremely versatile—retaining blocks & pavers, metal, concrete, wood, brick, masonry, roof tiles, wet & frozen lumber, and most other common landscaping materials.

SURFACE PREPARATION & APPLICATION:

Working Time: Approximately 10-20 minutes for a 6.4mm (1/4") bead. Working surfaces to be bonded should be clean, dry, and free from other material that may deter adhesion. Apply NuFlex® 460 Landscape Retaining Wall Adhesive to only one surface to be bonded. Allow for longer cure time in colder temperatures. Under normal temperatures of 20°C (68°F) allow 24 to 48 hours. **Clean Up:** Scrape off dried excess with a putty knife. Remove residue with mineral spirits or equivalent solvent. Follow solvent vendor's precautions when using solvents. **Note:** Test solvent on an out-of-the-way area to make sure it will not mark or attack the surface. **Limitations:** NuFlex® 460 Landscape Retaining Wall Adhesive is not designed for continuous submersion or for use on polystyrene or polyurethane foams. For polystyrene or polyurethane foam we recommend NuFlex® 454 General Purpose Construction Adhesive.

CAUTION:

DANGER: EXTREMELY FLAMMABLE. VAPOR HARMFUL. Contains acetone, hexane and toluene. Keep away from heat, sparks and flame. Use only with positive cross-ventilation. Avoid breathing vapors. Do not swallow. Do not allow eye contact or prolonged skin contact. Uncured product can cause eye or skin irritation. Prolonged or repeated overexposure to solvents in uncured product can cause central nervous system, peripheral nervous system, eye, skin, liver, kidney or respiratory system effects. **FIRST AID:** If dizziness or other adverse effects are experienced, move to fresh air; call physician if discomfort persists. If eye contact occurs, flush eyes with water for 15 minutes; contact physician immediately. If swallowed, do not induce vomiting; contact physician immediately. Wash skin contact areas with soap and water; contact physician if irritation persists. For additional information, refer to Material Safety Data Sheet.

KEEP OUT OF THE REACH OF CHILDREN.

WARNING: This product contains toluene, a chemical known to the State of California to cause birth defects or other reproductive harm..

SHELF-LIFE & STORAGE:

Shelf-life is 12 months from date of shipment from our plant when stored in clean, dry area. Store at room temperature, 23°C (75°F) in tightly closed containers.

MANUFACTURED BY:

NUCO INC.	T:	519.823.4994	TF:	1.800.853.3984
150 Curtis Drive	F:	519.823.1099	E:	sales@nucoinc.com
Guelph, ON N1K 1N5				

FORM: 460_TDS.DOC

REV.: 5 DATE: 05/11



FEATURES:

- Superior adhesion strength.
- Works well on dry, damp and cold surfaces.
- Will not freeze.
- Waterproof.
- Resists frost & water.
- Adheres to many substrates.

AVAILABLE SIZES:

- 296 mL (10 fl.oz.) cartridge
- Part No.: 46000
- 144 cases per pallet
- 828 mL (28 fl.oz.) cartridge
- Part No.: 46080
- 54 cases per pallet
- 12 cartridges per case



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TYPICAL PROPERTIES:

These values are not intended for use in preparing specifications. Spec Writers; please contact NUCO Inc. before writing specifications if any further information is required.

Description	Specification
As Supplied...	
Type:	Synthetic elastomeric polymer
Application Temperature:	-18°C to 38°C (0°F to 100°F)
Service Temperature:	-29°C to 49°C (-20°F to 120°F)
Weight/gallon:	9 lbs
State:	Medium-viscosity mastic
Flashpoint:	Less than -18°C (0°F)
Freeze/thaw Stability:	Will not freeze
Solids:	65%
Viscosity:	130,000 cps
Calculated VOC (less exempt solvent):	282 g/L

DISCLOSURE

The information and data contained herein is BASED ON INFORMATION WE BELIEVE TO BE RELIABLE. Please read all statements, recommendations or suggestions herein in conjunction with our CONDITIONS of SALE which apply to all goods supplied by us. We assume no responsibility for the use of these statements, recommendations or suggestions, nor do we intend them as recommendation for any use which would infringe any patent or copyright.

YIELDS:

Size	1/8" (3.2mm)	1/4" (6.3mm)	3/8" (9.5mm)
10oz	123 ft.	30 ft.	13 ft.
	37.5 m	9.1 m	4 m
28oz	343 ft.	86 ft.	38 ft.
	104.6 m	26.2 m	11.6 m

- Yields are based on theoretical calculations for comparison purposes only & will vary depending on ambient conditions and particular applications.

SPECIFICATIONS:

NuFlex® 460, exceeds the requirements of the:

- CAN/CGSB-71.26M
- CAN/CGSB-71.25M
- APA's AFG-01 Specifications,
- HUD/FHA Use of Materials Bulletin #60,
- ASTM D 3498 and
- ASTM C557.

WARRANTY INFORMATION:

NUCO Inc., warrants only that its product will meet its specifications. NUCO shall in no event be liable for incidental or consequential damage. NUCO's liability, expressed or implied is limited to the stated selling price of any goods found to be defective.



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