NuFlex® 458 ALL WEATHER SUBFLOOR ADHESIVE



NuFlex® 458 All Weather Subfloor Adhesive is the professional's choice for subfloor installations and general plywood use. It is ideal for particleboard, OSB and engineered lumber as well as wet, frozen and treated lumber. It offers a strong initial tack, provides superior strength and remains permanently flexible. It reduces the amount of nailing, increases floor rigidity and helps eliminate floor squeaks.



FEATURES & TYPICAL USES

Features:

- Superior adhesion strength
- Freeze-thaw stable
- AFG-01 approved
- Superior extreme temperature adhesion
- Remains permanently flexible
- Versatile
- Waterproof

Basic uses include:

1. Adhering subfloor panels in interior and exterior installations (with the aide of mechanical fasteners).

Bonds To:

- Plywood
- Particleboard
- OSB
- Wet, dry, frozen ACA & CCA treated lumber
- Masonry
- Concrete
- Brick
- Ceramic
- Slate

SURFACE PREPARATION & APPLICATION:

Before Use: Read the label in its entirety.

Surface Preparation:

- Working surfaces to be bonded should be clean, dry and free from excessive oil, grease, water, dirt or any other material that may deter adhesion.
- Priming is not required.

Application:

1. Cut nozzle to desired bead size and cut inner seal.
2. Using a caulking gun, apply NuFlex® 458 Subfloor Construction Adhesive to each piece of furring, studs, or floor joists to be covered.

   Note: When bonding subfloors or wet, frozen and treated lumber, nail or screw each sheet as recommended by the American Plywood Association.
3. Run a continuous bead of sealant to one substrate and clean up any excess (see limitations for restrictions).

Clean-up:

1. Scrape off dried excess with a putty knife.
2. 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.

NuFlex SEALANTS

NuFlex® 458 ALL WEATHER SUBFLOOR ADHESIVE

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° to 38°C (0°F to 100°F)
Service temperature:	-29° to 49°C (-20° to 120°F)
Weight/gallon:	10.6 lbs
Working time, 1/4" bead:	Approx. 10-20 minutes
State:	Medium-viscosity mastic
Flashpoint:	Less than -18°C (0°F)
Freeze/thaw stability:	Will not freeze
Solids:	67%
Viscosity:	150,000 cps
Calculated VOC (less water, less exempt solvents):	44 g/L

LIMITED WARRANTY INFO:

NUCO Inc. warrants that unopened product will meet published specifications for its stated shelf life when stored as recommended. NUCO shall in no event be liable for incidental or consequential damage, or improper storage. NUCO's liability, expressed or implied is limited to the stated selling price of any goods found to be defective.

SPECIFICATIONS:

NuFlex® 458 meets the requirements of:

- American Plywood Association AFG-01
- ASTM C-557
- ASTM D-3498
- CAN/CGSB-71.26M
- CAN/CGSB-71.25M
- South Coast AQMD Rule 1168 Compliant

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 theses statements, recommendations or suggestions, nor do we intend them as recommendation for any use which would infringe any patent or copyright.

LIMITATIONS:

- NuFlex® 458 All Weather Subfloor Adhesive is not designed for continuous submersion.
- Not for use on polystyrene or polystyrene foams. For polystyrene foam, tub surrounds, vinyl coated drywall and most other plastics, we recommend NuFlex® 480 Premium Polyurethane Construction Adhesive.

AVAILABLE SIZES & COLOURS:

SKU	***Size***	***Theoretical Yield:***
45880	828 mL	26.2 meters (86 linear feet)

STORAGE AND SHELF LIFE:

- Shelf life is 18 months from the date of manufacture when stored in a clean, dry area.
- Store at 24°C (75°F) at 50% relative humidity.
- For best results, store the sealant in tightly closed containers when not in use.
- Store containers at room temperature for at least 24 hours before using.

CAUTION:

- EXTREMELY FLAMMABLE. VAPOUR HARMFUL.
- Contains methyl acetate, hexane, and residual vinyl acetate.
- Keep away from heat, sparks and flame.
- Use only with positive cross ventilation.
- Avoid breathing vapours. Do not swallow. Do not allow eye contact or prolonged skin contact. Uncured product can cause eye or skin irritation.

MANUFACTURER INFORMATION:

NUCO Inc. 150 Curtis Drive
Guelph, ON N1K 1N5

T: 519-823-4994
F: 519-823-1099

TF: 1-800-853-3984
E: info@nucoinc.com