

SANDELL'S NUFLEX PVC FLASHING

DESCRIPTION:

A non-reinforced polyvinyl chloride Thru-Wall Flashing, available in the following thicknesses:

- Type 10 (.010") weighing approx. 11 ounces per sq. yd.
- Type 20 (.020") weighing approx. 22 ounces per sq. yd.
- Type 30 (.030") weighing approx. 33 ounces per sq. yd.
- Type 40 (.040") weighing approx. 36 ounces per sq. yd.
- Type 56 (.056") weighing approx. 60 ounces per sq. yd.

COMPOSITION:

A non-reinforced polyvinyl chloride, waterproofed, impermeable sheet, composed of elastomeric substances, which have been reduced to a thermoplastic state and formed into a continuous sheet.

Roll Sizes:

- Type 10, rolls 150' long, 48" wide.
- Types 20 & 30, roll 150' long, 48" wide.
- Type 56, rolls 100' long, 48" wide.

Can be slit into multiple widths.

CHARACTERISTICS

Sandell's Nuflex Flashing is intended for use as a concealed waterproofing membrane on foundation walls and under concrete slabs. Material will not be physically deformed when stretched at room temperature nor will it tear or rip. It will show no cracking or flaking when bent through 180 degrees over a 1/32" mandrel and then bent at the same point over the same size mandrel in the opposite direction through 360 degrees. The material is suitably stabilized to resist exposure without physical deterioration when tested in accordance with A.S.T.M. standards. D-822 for a period of not less than 400 hours. It is resistant to acids, alkalis and caustics.

Recommended for concealed applications only. Recommended adhesive is Sandell's Nuflex Mastic. Specification Bulletin No. 216.

MODEL SPECIFICATIONS Special Requirements:

1. Protect all adjacent work from damage by work performed under this section.
2. All materials specified will be delivered to job site in approved manufacturer's sealed containers,

bearing manufacturer's name and material identification.

Preparation:

All surfaces to receive waterproofing will be smooth, hard, frost-free, thoroughly dry and clean to the satisfaction of the dampproofing contractor. Membrane will be applied as work progresses and in no case will the membrane be left exposed longer than necessary. Metal surfaces to receive membrane must be free from scale, rust, grease or oil. Use a fast evaporating solvent to clean metal surfaces.

Materials:

For membrane waterproofing, material will be Sandell's Nuflex Flashing as manufactured by Sandell Manufacturing Co., Inc. .Schenectady, New York.

APPLICATION

Foundation Dampproofing: Install material using the greatest width obtainable and lengths not to exceed 20'. The material will be applied vertically from top down and be laid in a full trowel coat of Sandell's Nuflex Mastic using a notched trowel with a cement build-up of not less than 1/16" which is equivalent to approximately 50 square feet to the gallon. Lap membrane 6" at all joints. The surface of the membrane will be rolled in with a rubber hand roller forcing all air out causing cement to protrude around seams, eliminating all air entrapment. If wrinkles appear and are not gone in 24 hours, re-rolling will become necessary. Dampproofing material will be applied from exterior finish grade down to the bottom of foundation wall and tied in with waterproofing at footing. All conduits passing through the wall should be sealed with membrane and Sandell's Nuflex Mastic. Prior to backfilling and after 48 hours has lapsed and after damp proofing has been inspected and approved, protect the membrane from damage by applying hardboard sheets or 1" polystyrene boards the full height of the wall, spotting sheets with Sandell's Nuflex Mastic to prevent movement during backfilling operation.

Slab Dampproofing: Install material using the greatest width obtainable and lengths not to exceed 20'. The material will be laid in a full trowel coat of Sandell's Nuflex Mastic, using a notched trowel with a cement build-up of not less than 1/16" which is equivalent to approximately 50 square feet to the gallon. Joints will be butt-ended. Apply pressure using 50 100 lb. sectional roller forcing cement to protrude at all joints. Apply Sandell's Nuflex Mastic with the same notched trowel over each joint and cover joints with a minimum of 6" wide strips of Nuflex again, applying pressure forcing the cement to protrude at all edges. Turn up material at sides and around all columns and vertical protrusions as required.

Dampproofing Under Slab: On grout surfaces or tamped earth and prior to pouring slab, lay on substrate the widest width and lengths obtainable lapping a minimum of 6" on sides and 10" on ends. Seal laps with a full trowel coat of Sandell's Nuflex Mastic and apply pressure until a bead of cement appears at all edges. Turn up on conduits, columns or any vertical protrusions a minimum of 4". Where two vapor barriers meet, cement thoroughly to make a watertight joint. Protect membrane after installation against damage by other trades prior to pouring.

TECHNICAL ASSISTANCE:

Call Sandell directly for technical assistance or product questions:

- New York: 800.283.3888
- Alabama: 877.726-3355
- Wisconsin: 800.323-3565

 www.sandellmfg.com

PHYSICAL CHARACTERISTICS

Color:	Black
Specific Gravity:	1.281.33; ASTM D-792
Tensile Strength:	2200 to 2800 PSI; ASTM D-882 & 412
Elongation (%):	250; ASTM D-882 & 412
Graves Die Tear:	450 lbs./inch; ASTM D-1004
Elemendorf Tear:	150 (gram/mil); ASTM D-689
Masland SPI Cold Crack:	10° + 5°F; ASTM D-1543
Cold Flex:	No cracks at 20°F; 1/32" Mandrel
Weatherometer (5,000 hrs.):	No change; ASTM D-822
Hardness Shore A:	80; ASTM D-676
Brittleness Temp.:	71°F (57°C); ASTM D-746
Volatile Loss (24 hrs. 150°F [70°C]):	1.05%; ASTM D-1203
Water Vapor Transmission (Grams/100 sq. inch):	0.24, 240 hrs., 212°F (100°C).
Staining:	None, 240 hrs., 212°F (100°C).

Amendments / Notes:

Sandell Employee:

Date:

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