

## NERVASTRAL CONCEALED FLASHING & MEMBRANE WATERPROOFING PRODUCTS

Nervastral HD, 300, 56, 400, HD 15 and Barrier are all made of the same material, in the same way and have the same basic properties, except for thickness.

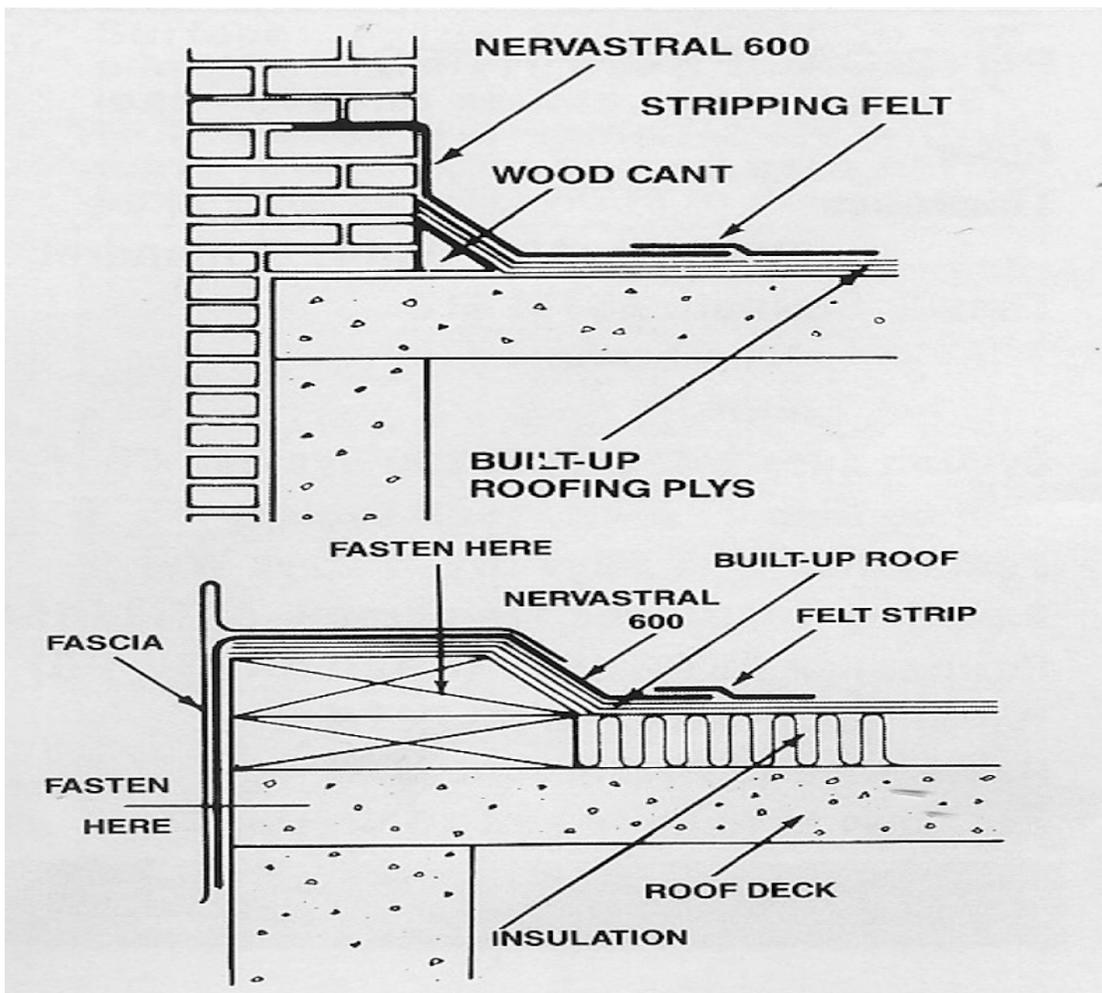
## DESCRIPTION

Non-reinforced, homogeneous, waterproof, impermeable sheeting compounded of elastomeric substances which have been reduced to a thermoplastic state, and extruded into a continuous sheet which shall not be physically deformed when stretched at room temperature and shall be suitably stabilized to resist exposure without physical deterioration when subjected to weather meter testing in accordance with ASTM Standards D-822 for a period of not less than 400 hours and which shall show no signs of cracking or flaking when, at a temperature of -20° F, it is bent through 180° over a 1/32" mandrel, and over the same size mandrel in the opposite direction through 360°.

## FEATURES

Unaffected by aging/No fiber subject to mildew/No metal subject to corrosion/No asphalt subject to bleeding, cracking or emulsification/Low temperature flexibility/Abrasion and tear resistance/No need for asphalt coating/Excellent impermeability/Lower cost than copper flashing.

---



## EXPOSED FLASHING

NERVASTRAL SPECIFICATION

Page 2 of 5

NERVASTRAL 600 is recommended for exposed flashing in place of metal flashing which would require painstaking fabrication and soldering. It can be filleted in the form of a flanged sleeve around vents and columns.

## DESCRIPTION

Tensile Strength, ASTM D412-60t	2200 p.s.i.
Elongation, ASTM D412-60T	300% Min.
Durometer Shore A Hardness, ASTM D676-56T	85+/- 5 @ 75°F
Flammability: ASTM D568-56T	Self-extinguishing
Specific Gravity, ASTM 792-50	1.30.
Low Temperature Flexibility when folded 3 times for 360° at -20°F.	No cracking
2000 hours double arc Weatherometer Exposure, ASTM E42-57, when folded flat 3 times for 360° -20°F	Retains flexibility without cracking

## FEATURES

Weather resistant/Resilient/Flexible/Abrasion resistant/High tensile strength and puncture resistance/Tear resistant.

---

## NERVASTRAL WATERPROOFING SYSTEM GUIDE SPECIFICATION

### PART 2 PRODUCTS:

2.01 Sheet Membrane Waterproofing as manufactured by Nervastral, Inc., 2 Soundview Drive, Greenwich, CT 06830, and carrying its brand name permanently imprinted at regular intervals, shall be used for all concealed flashing and/or membrane waterproofing, and installed in accordance with the manufacturer's directions.

### PART 3 EXECUTION

(Select sections below that are appropriate for the project).

#### 3.01 Concealed Parapet Flashing:

NERVASTRAL SEAL-PRUF HD shall be laid directly over the top middle course of brick of the parapet under the coping and extended down one course and out to within ½" of face of wall.

#### 3.02 Concealed Spandrel Beam Waterproofing:

NERVASTRAL SEAL-PRUF HD shall be installed with NERVAPLAST trowel mastic to the face of beam, carried downward and sealed to the underside of spandrel flange. Where the flashing is not subject to tension or weight, spotbonding is permissible.

### **3.03 Concealed Door and Window Flashing:**

NERVASTRAL SEAL-PRUF HD shall be installed on all sills and heads ½" inward from outside face of wall and extended 6" on each side of opening brick veneer construction. The sheeting shall not be allowed to hang free prior to completion of brick work but shall be secured to the siding with nails and discs or furring strips.

### **3.04 Concealed Shower Stall Waterproofing:**

One ply of NERVASTRAL 300 shall be applied over the concrete surface by embedding it in a coat of NERVAPLAST (Trowel Grade), spread at a rate of 40 sq. ft./gallon. Joints shall be sealed with NERVAPLAST. The membrane shall be carried up at least 4" vertically and shall be embedded in NERVAPLAST. The entire horizontal area shall be rolled with a 50 to 100lb. roller and the corner and vertical sections with a rubber roller to insure a solid anchorage. After mastic is fully set, apply cement grout at least 1" thick.

### **3.05 Membrane Waterproofing of Concrete Foundation Walls and Slabs:**

One ply of NERVASTRAL SEAL-PRUF HD shall be embedded in NERVAPLAST cement, spread at 40 sq. ft./gallon. Length of sheets shall not exceed 18', end laps 9" and side laps 6". Seal all laps with NERVAPLAST. Horizontal laps shall be rolled with a 50 to 100 lb. roller, vertical laps with a rubber hand roller until a bead of mastic appears at the edge of the lap.

### **3.06 Membrane Waterproofing for Decks and Terrace:**

One ply of NERVASTRAL 300, shall be embedded in a full bed of NERVAPLAST with joints sealed with NERVA-KOTE PV30.

As an alternate, use NERVASTRAL 400, 56 or M600, hot mopped to the concrete surface. Adhered with NERVA-KOTE adhesive PV30.

### **3.07 Flashing at Roof Perimeters at Edges:**

NERVASTRAL 600 shall be used for flashing around perimeter wall, parapets and curbs. The flashing shall extend at least 6" over the horizontal roof area, and a felt strip will overlap the horizontal edge of NERVASTRAL 600 shall be tucked into a reglet or a carefully prepared wall joint. See Bulletin 139. At roof edges the flashing shall extend over the edge and vertically down the wall under the fascia. The flashing shall extend at least 6" over the horizontal roof area and shall be stripped in with a felt strip overlapping the horizontal edge and extending 6" on each side of the seam.

Install NERVASTRAL 600 in lengths not longer than 15'. Joints between section of NERVASTRAL 600 are to be made with side laps of 6" and end laps of 10". NERVAKOTE PV30 shall be used for all joints where NERVASTRAL 600 is to be adhered to itself as follows: coat both faces of the joint, allow enough time for solvent to evaporate and coating to develop an aggressive tack without transferring to the finger when touched lightly, then close the joint and thoroughly roll until fully adhered.

Use NERVA-KOTE PV30 adhesive for sealing lapped joints or to secure the sheeting to the structure. To simply adhere NERVASTRAL 600 to the top flashing felt of the roof, or on flat horizontal areas, trowl applied NERVAPLAST may be used, but NERVAPLAST shall be kept back from each side of the lapped joints at least 2”.

NERVASTRAL 600 may also be adhered to flat horizontal surfaces with hot bitumen (the type known as “Dead Level Asphalt”) having a melting point of 150-170°F. Initial maximum temperature of the bitumen shall be kept under 300°.

**3.08 Cleaning:**

Remove trash and debris resulting from waterproofing work at the end of each day’s work.