

# Product Data Sheet

## USP® NVB SHEET

**Product Description:** USP® NVB (Nailable Venting Base) is manufactured with a heavyweight, select fiberglass mat designed and constructed to be strong and wrinkle resistant. The glass mat is saturated with a high quality, non-filled asphaltic bitumen and coated on the underside with a course mineral surfacing to allow for underside venting. USP® NVB is designed for use as a mechanically attached base sheet for hot mopped, cold applied and torch applied roofing applications where additional venting is desired in specifications requiring an ASTM D-4897 Type II fiberglass venting base sheet. Contact the U.S. Ply Technical Services for specific details.

Physical Properties (ASTM D4897):	Test Results
Tensile Strength (lbf/in), @ 77°F; 2 in/min (MD/XMD)	67/61 lbf/in

**Product Name:** USP® NVB Sheet

**Classification:** Fiberglass BUR Roof Membrane;  
UL Type G2

**Approvals:** Meets ASTM D4897. USP® NVB Sheet is UL Classified with Underwriter's Laboratories (UL) R11662, is Factory Mutual (FM) Approved, and listed with Florida Building Code (FBC) FL-5305, FL-8077, FL-14405, Miami-Dade County approved, and Texas Department of Insurance (TDI) RC-123. Contact U.S. Ply, Inc. for specific/applicable codes.

**Product Data:** USP® NVB Sheet (typical)

Roll Dimensions: 36' x 36"

Area of roll ft<sup>2</sup>: 1 squares (108 ft<sup>2</sup>).

Weight: 72 lbs/roll (32.7 kg/m<sup>2</sup>)

Rolls per pallet: 28 per pallet

Lap Lines: 2"

**BASE SHEET APPLICATION:** Base sheets should be cut into lengths short enough to be easily handled and allowed to warm and relax prior to installation. Appropriate maximum membrane length will vary depending upon temperature conditions. The base sheet must be warmed to a temperature sufficient to allow expansion and relaxation of the asphaltic coating, prior to application, otherwise wrinkles may form. The applicator must evaluate weather conditions to determine maximum functional length and relaxation time to avoid wrinkling. Place tension on the end of the base sheet during installation to ensure that the sheet lays flat.

**Application Method:** USP® NVB is applied with mechanical fasteners and is always placed with the mineral surfaced side down.

**Fastening Pattern:** Mechanically fasten base sheet over the deck with the mineral surfaced side down. Lap the base sheet a minimum of 2" (5.1 cm) of sides and 4" (10.2 cm) on ends, and mechanically fasten with appropriate fasteners. Follow pattern determined by warranty requirements or by design criteria whichever is more stringent. Increase fastener density in perimeters and corners in accordance with project requirements. Fastening patterns vary according to desired uplift resistance. Always contact the U.S. Ply, Inc. Technical Services department to verify fastening pattern meets desired uplift resistance.

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by "in-house" and independent "third party" evaluation for the purpose of classification and or approval. Acceptance, purchase and selection of these products are the sole responsibility of the buyer or buyer's representative. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY U.S. PLY, INC. EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



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