



## United Glass Base Sheet

### DESCRIPTION

United Glass Base is non-porous, 28lb. base sheets, uniquely designed and constructed to be simultaneously strong and wrinkle resistant. This unique combination of strength and suppleness is achieved by coating a heavyweight, specially designed fiberglass mat with type IV asphalt. The asphalt coating helps maintain a uniform consistency on both sides of the sheet and eliminates pinholes. United Glass Base is used as the base ply in a wide variety of hot, cold and torch-applied built-up and modified bitumen roofing applications

### PREPARATION

Sweep roof deck to remove dirt and debris. The roof deck must be clean, smooth and free of moisture. Replace any damaged sheathing.

### STORAGE / CARE

Rolls should be stored upright, off ground, completely protected from the weather.

### INSTALLATION

Base Sheet may be applied in either hot asphalt or approved cold adhesive

### PROPERTIES

Support Mat: Wet process fiber glass mat

Surfacing: Mineral release agent

Weight: 75 lbs. per roll

Dimensions: 39-3/8" x 98' 9" (324 sq. ft.)

Coverage: Three Square

Thickness: 1.0mm (40 mils)

### SPECIFICATIONS

**ASTM:** D 4601 Type II

**UL:** Type G-2

**Breaking Strength, lbf/in (kN/m):** 44 (7.7) min

**Pliability, 90° around a 1" mandrel @ 77° F (pass/fail):** Pass

**Moisture, at time of manufacturing:** 1% max

**Surfacing and Stabilizer (%):** 65% max

**Mass of De-saturated Glass Mat, lbs/100 ft<sup>2</sup> (g/m<sup>2</sup>), min:** 1.7 (83)

**Asphalt, lbs/100 ft<sup>2</sup> (g/m<sup>2</sup>):** 7.0 (342)

**ASH, glass mat only:** 70%-88%

**Surface Material:** Sand

**Net Dry Mass of Asphalt-Impregnated Glass Felt, lbs/100 ft<sup>2</sup> (g/m<sup>2</sup>):**

Average of all rolls 15.5 (756)

Individual rolls 14.5 (708)

**Laying Line Location:** 2", 4", 17" from edges