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, lb/lin (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 ft2 (g/m2), min: 1.7 (83)
Asphalt, lbs/100 ft2 (g/m2): 7.0 (342)
ASH, glass mat only: 70%-88%
Surface Material: Sand
Net Dry Mass of Asphalt-Impregnated Glass Felt, lbs/100 ft2 (g/m2):
  Average of all rolls 15.5 (756)
  Individual rolls 14.5 (708)
Laying Line Location: 2”, 4”, 17” from edges