

TRI-BUILT® GLASS BASE

FIBER GLASS-REINFORCED, ASPHALT-COATED LIGHTWEIGHT BASE SHEET

Meets the requirements of ASTM D4601, Type II

FEATURES AND COMPONENTS

TRI-BUILT® Glass Base is designed for use as the first or base sheet in built up roofing or modified bitumen roof assemblies. Lightweight exceptionally pliable, easy to handle and lays flat.

Asphalt Coating—Makes it suitable as an intermediate or ply felt in cold-applied built-up and modified bitumen roof assemblies.

Ideal for Mechanical Attachment—Use where mechanical attachment of the membrane to the roof substrate or deck is desired.

Fiber Glass Reinforcement Mat—Low moisture, excellent dimensional stability and resistance to rot make it an ideal replacement for organic base or ply sheets. Provides a solid dimensionally stable substrate for other roofing membrane components.

Laying Lines—Laying lines are imprinted on the top surface so the roofing mechanic can install the felt with the proper exposure and provide the correct number of plies.

Surfacing—Fine mineral parting agent.

Product Application



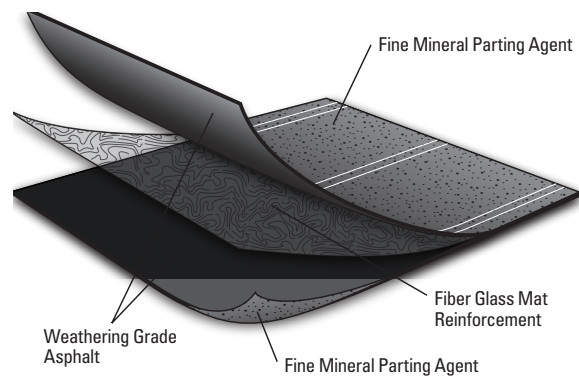
Hot Asphalt



Cold Applied



Mechanically Fastened



Packaging and Dimensions

Roll Size	36" x 106' (914 mm x 32.31 m)
Roll Coverage (net)	300 ft ² (27.87 m ²)
Roll Coverage (gross)	316.5 ft ² (29.5 m ²)
Roll Weight	67 lb (30.4 kg)
Rolls per Pallet	30
Pallets per truck*	23

*Assumes 48' flatbed truck

Energy and the Environment

Pre-Consumer Recycled Content	0%
Post-Consumer Recycled Content	0%

Codes and Approvals



TESTED PHYSICAL PROPERTIES

Physical Properties		ASTM Test Method	Standard	TRI-BUILT® Glass Base
			Type II	
Strength	Breaking Strength @ 73.4° F, (min) (lbf/in)			
	Longitudinal (with fiber grain)	D 146	≥ 44	76
	Transverse (across fiber grain)	D 146	≥ 44	45
	Pliability at 77° F (pass/fail) 90° around 1" mandrel @ 77° F, (pass/fail)	D4601	No Failures	Pass
Performance	Net Dry Mass - Coated Sheet, (min) (lb/100ft ²) Individual Roll	D 228	≥ 14.5	22.4
	Mass per Area of Desaturated Glass Felt (lb/100ft ²)	D 228	≥ 1.7	2.0
	Moisture at Point of Manufacture, (max) (%) ¹	D 146	≤ 1.0	0.6
	Surfacing and Stabilizer, (max) (%)	D 228	≤ 65	65
	Asphalt, (min) (lb/100ft ²)	D 228	≥ 7.0	7.1
	Ash - glass mat only, (%)	D 228	70 – 88	77
Installation	Unrolling @ 40° F and 140° F, (pass/fail)	D 4601	No Damage	Pass

Note: 1. Moisture (As Received) was utilized in lieu of Moisture at Point of Manufacture