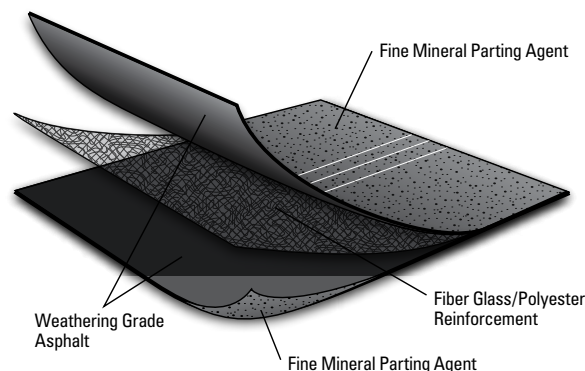**Johns Manville**

Features and Components

GlasTite Flexible is intended to be used as a base sheet, ply sheet, or flashing membrane in built up roofing systems.

Fiber Glass/Polyester Composite Reinforcement Mat: Provides superior flexibility and conformability, making it easy and quick to install. Exceptionally high tensile strength delivers superior protection against splitting as well as excellent puncture and tear resistance to prevent damage often caused by rooftop traffic.

Ideal for Flashing Systems: Superior flexibility and conformability allows the mechanics to easily and quickly install tight flashing systems and make it ideal for all roof terminations, including parapet walls, skylights, roof penetrations, drains, vents and roof edges. GlasTite Flexible does not bridge at the cant and will not pull away from the substrate after it has been installed.

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.

Fine Mineral Parting Agent
Fiber Glass/Polyester Reinforcement
Fine Mineral Parting Agent
Weathering Grade Asphalt

Component	
M	Membrane

Multi-Ply

Type	
BS	Base Sheet
PS	Ply Sheet
FL	Flashing

System Compatibility
This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Multi-Ply	BUR		APP		SBS			
	HA	CA	CA	HW	HA	CA	HW	SA
	Compatible with the selected Multi-Ply systems above							

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
	Do not use with Single Ply systems						

Key: **HA** = Hot Applied **CA** = Cold Applied **HW** = Heat Weldable **SA** = Self Adhered **MF** = Mechanically Fastened **FA** = Fully Adhered **BA** = Ballasted

Energy and the Environment

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

Peak Advantage® Guarantee Information

Systems	Guarantee Term
Dependent on system	Up to 30 years

*Contact JM Technical Services for specific system requirements or guarantee terms.

Codes and Approvals

UL CLASSIFIED c US

FM APPROVED

MIAMI-DADE COUNTY APPROVED
Miami-Dade County Product Control Approved

Installation/Application

Hot Asphalt   Cold Applied   Mechanically Fastened

• When used as a flashing, GlasTite Flexible must be coated, and installed using slightly different procedures than conventional fiber glass mat base flashings. Back mopping the sheet and the substrate to which it will be installed results in the best installation. As an alternate, GlasTite Flexible can be set in Bestile™ Industrial Roof Cement, JM MBR® Utility Cement or JM MBR® Flashing Cement in three- or five-course base flashing systems.

• Refer to JM BUR application guides and detail drawings for instructions.

Packaging and Dimensions

Roll Size	36" x 50' (914 mm x 15.24 m)
Roll Coverage	150 ft² (13.94 m²)
Roll Weight	64.5 lb (29.3 kg)

Tested Physical Properties

Physical Properties		ASTM Test Method	Standard	GlasTite Flexible
			Type II	
Strength	Breaking Strength @ 73.4° F, *(min)* (lbf/in)			
	Longitudinal (with fiber grain)	D 146	≥ 44	146
	Transverse (across fiber grain)	D 146	≥ 44	160
	Pliability at 77° F (pass/fail) 90° around 1" mandrel @ 77° F, (pass/fail)	D 4601	No Failures	Pass
Performance	Net Dry Mass - Coated Sheet, *(min)* (lb/100ft^2) Individual Roll	D 228	≥ 14.5	41.5
	Mass per Area of Desaturated Glass Felt (lb/100ft^2)	D 228	≥ 1.7	2.6
	Moisture at Point of Manufacture, *(max)* (%) [1]	D 146	≤ 1.0	0.4
	Surfacing and Stabilizer, *(max)* (%)	D 228	≤ 65	54
	Asphalt, *(min)* (lb/100ft^2)	D 228	≥ 7.0	18.3
	Ash - glass mat only, (%)	D 228	70 – 88	76
Installation	Unrolling @ 40° F and 140° F, (pass/fail)	D 4601	No Damage	Pass

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