



**WINFAB Diamondback 2018** is a three dimensional turf reinforcement mat (HP-TRM).

**WINFAB Diamondback 2018** is manufactured using a special heat stabilization process to drastically increase the effectiveness of the pyramidal weave when incorporated in steep slope and vegetated applications where high performance is required for soils and root systems.

**WINFAB Diamondback 2018** is constructed using UV stabilized high tenacity monofilament yarns in a very consistent configuration which resists ultraviolet deterioration, rotting, biological degradation, and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	ENGLISH	METRIC
Tensile Strength*	ASTM D6818	2,500 x 2,000 lb/ft	36.48/m x 29.18 kN/m
Elongation	ASTM D6818	20 x 20%	20 x 20%
Thickness*	ASTM D6525	.25 in	6.4 mm
Resiliency	ASTM D6524	70%	70%
Light Penetration	ASTM D6567	40%	40%
Porosity	ECTC TASC 00197	96%	96%
UV Resistance (3,000 hrs)	ASTM D4355	90%	90%
Color	-	Green	Green
Roll Dimensions	-	8.5 x 90 ft	2.6 x 27.4 m
Roll Area	-	765 ft <sup>2</sup>	72.07 m <sup>2</sup>

\*Minimum Average Roll Value (MARV)

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**WINFAB Diamondback 4030** is a three dimensional high performance turf reinforcement mat (HP-TRM).

**WINFAB Diamondback 4030** is manufactured using a special heat stabilization process to drastically increase the effectiveness of the pyramidal weave when incorporated in steep slope and vegetated applications where high performance is required for soils and root systems.

**WINFAB Diamondback 4030** is constructed using UV stabilized high tenacity monofilament yarns in a very consistent configuration which resists ultraviolet deterioration, rotting, biological degradation, and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	ENGLISH	METRIC
Tensile Strength*	ASTM D6818	4,100 x 3,100 lb/ft	59.81 kN/m x 45.23 kN/m
Elongation	ASTM D6818	25 x 20%	25 x 20%
Thickness*	ASTM D6525	.30 in	7.62 mm
Resiliency	ASTM D6524	80%	80%
Light Penetration	ASTM D6567	25%	25%
Porosity	ECTC TASC 00197	96%	96%
UV Resistance (3,000 hrs)	ASTM D4355	95%	95%
Color	-	Green	Green
Roll Dimensions	-	8.5 x 90 ft	2.6 x 27.4 m
Roll Area	-	765 ft <sup>2</sup>	72.07 m <sup>2</sup>

\*Minimum Average Roll Value (MARV)

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# Diamondback<sup>®</sup>

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