

HIGH PERFORMANCE EROSION CONTROL SYSTEM FOR PERMANENT VEGETATED SLOPES

ENKAMAT® 7018

PRODUCT COMPOSITION | TREATMENT | SPECIAL CHARACTERISTICS

The three dimensional PA Enkamat erosion provide immediate protection, allow for fast growth of vegetation and offer a long-term strong foothold for vegetation root systems.

PROPERTIES		VALUE	TOLERANCE	TEST METHOD	
Weight		g/m ²	290	-	EN-ISO 9864
Nominal Thickness		mm	18	-	-
Tensile strength	MD	kN/m	2.0	- 0.3	EN ISO 10319
Tensile strength	CMD	kN/m	1.2	- 0.5	EN ISO 10319
Elongation	MD	%	80	+/-40	EN ISO 10319
Elongation	CMD	%	80	+/-40	EN ISO 10319

Color	-	Black		
Density of used polymer	kg/dm ³	1.14		
Temperature range	°C	-40 to +80		
Flammability		B2		DIN 4102
Structure Type		Open		
3 dimensional structure providing free volume	%	> 95		
Soil retention factor	m/m ²	1290		

Width Option		1	2	4
Roll Length x Width	m x m	120 x 1.02	120 x 1.95	120 x 3.85
Roll diameter	m	1.5	1.4	1.4
Gross weight	kg	36	74	147

This is a technical disclaimer which is always located under a table. Average values, subject to normal production tolerances.

STORAGE

Product should be stored in a dry, closed space between +5°C and +30°C. It should not be exposed to direct sunlight. When stored accordingly, the product quality will not change over a period of one year minimally.

OTHER

A Freudenberg entity. For further information contact technical supporting department (+86 519 6858 5555). The TDS should not be considered as a specification. Please contact regional responsible people in order to set your own technical parameters.

All information within this document corresponds to our current knowledge and assumptions, but contains no guarantee, warranties, or representation of being exhaustive or correct. These documents are regularly reviewed, but any reliance you place on such material is strictly for your own internal evaluation, and shall not substitute for any assessment you may need to conduct to determine the suitability of the product for your particular purposes. Freudenberg assumes no liability or responsibility for the completeness or accuracy of the information contained herein. The product brands marked ® are registered trademarks of companies that are part of Freudenberg Performance Materials in several countries and regions. © 2023 Freudenberg. ® Registered trademark Freudenberg.

Bonar High Performance Materials (Changzhou) Co., Ltd • No.9 Xingtang West Road • Chunjiang Zhen, New District • Changzhou • China | T +86 519 6858 5555
Info@enkasolutions.com • www.freudenberg-pm.com • www.enkasolutions.com