

Pinning Erosamat to a Slope

Roll Width 2.5m Pin Layout

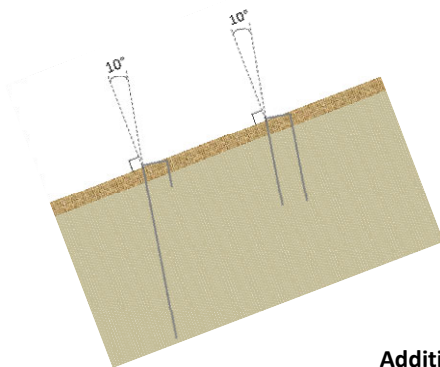
Typical Pin Frequencies (excluding edge pins)

Erosamat Type	Erosamat Roll Width	Pin Type	Slope $\leq 1:2$ ($\leq 26^\circ$)	Slope $>1:2$ to $\leq 1:1$ ($>26^\circ$ to $\leq 45^\circ$)	Slope $>1:1$ to $\leq 2:1$ ($>45^\circ$ to $\leq 65^\circ$)
Type 3	2.5m (Pattern PE)	Abpin 300/4 J	1.3 pins/m ² (Pattern PE-1)	1.7 pins/m ² (Pattern PE-2)	2.5 pins/m ² (Pattern PE-3)
		Abpin 150/3 U	1.7 pins/m ² (Pattern PE-2)	2.5 pins/m ² (Pattern PE-3)	3.4 pins/m ² (Pattern PE-4)
	(Spillway Pattern)	Abpin 400/8 U	Contact ABG Technical Team		

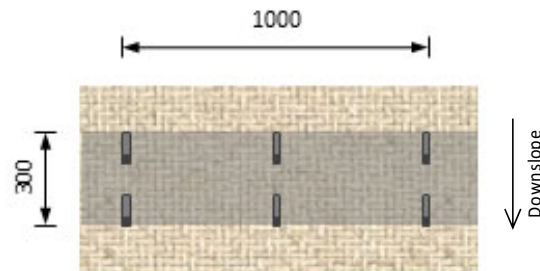
Pinning Patterns

Pattern Name	Pins per m ²	Distribution				Pattern Name	Pins per m ²	Distribution			
PE-1	1.3	a: 3	b: 2	c: 3	d: 2	PE-3	2.5	a: 4	b: 4	c: 4	d: 4
PE-2	1.7	a: 3	b: 3	c: 3	d: 3	PE-4	3.4	a: 5	b: 5	c: 5	d: 5

General Pin Installation Guide



Cross Slope Panel Connection Pins



Additional Pins at Slope Edges

At the top, bottom, and sides of the slope the Erosamat should be buried in a trench with additional pins at the base of the trench.

Trench Location	Pins at Base of Trench
Top of Slope	One pin per metre
Slope Sides	One pin per metre
Base of Slope	As required to hold cells in place prior to backfilling

Notes:

- The pins shown in the figures are not to scale.



Pinning Erosamat to a Slope

Roll Width 2.5m Pin Layout

Pinning Pattern PE-1

Roll Width

1000

Downslope

100mm overlaps

Note: The number of pins 'between overlaps' includes the pins in the overlaps on both sides

Row Ref.	Pin Distribution	Description
a	3	Three pins between overlaps
b	2	Two pins between overlaps
c	3	Three pins between overlaps
d	2	Two pins between overlaps

Pattern repeats below



Pinning Erosamat to a Slope

Roll Width 2.5m Pin Layout

Pinning Pattern PE-2

Roll Width

1000

Downslope

100mm overlaps

Note: The number of pins 'between overlaps' includes the pins in the overlaps on both sides

Row Ref.	Pin Distribution	Description
a	3	Three pins between overlaps
b	3	Three pins between overlaps
c	3	Three pins between overlaps
d	3	Three pins between overlaps

Pattern repeats below

Pinning Erosamat to a Slope

Roll Width 2.5m Pin Layout

Pinning Pattern PE-3

Note: The number of pins 'between overlaps' includes the pins in the overlaps on both sides

Row Ref.	Pin Distribution	Description
a	4	Four pins between overlaps
b	4	Four pins between overlaps
c	4	Four pins between overlaps
d	4	Four pins between overlaps

Pattern repeats below



Pinning Erosamat to a Slope

Roll Width 2.5m Pin Layout

Pinning Pattern PE-4

Roll Width

1000

Downslope

100mm overlaps

Note: The number of pins 'between overlaps' includes the pins in the overlaps on both sides

Row Ref.	Pin Distribution	Description
a	5	Five pins between overlaps
b	5	Five pins between overlaps
c	5	Five pins between overlaps
d	5	Five pins between overlaps

Pattern repeats below

