

Pinning Erosamat to a Slope

Roll Width 1.83m Pin Layout

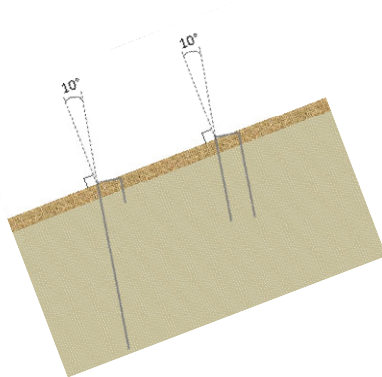
Typical Pin Frequencies (excluding edge pins):

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 1a	1.83m (Pattern PB)	Abpin 300/4 J	1.5 pins/m ² (Pattern PB-1)	1.8 pins/m ² (Pattern PB-2)	2.9 pins/m ² (Pattern PB-3)
		Abpin 150/3 U	1.8 pins/m ² (Pattern PB-2)	2.9 pins/m ² (Pattern PB-3)	3.5 pins/m ² (Pattern PB-4)
		Abpin 150LL Bio	1.8 pins/m ² (Pattern PB-2)	2.9 pins/m ² (Pattern PB-3)	3.5 pins/m ² (Pattern PB-4)

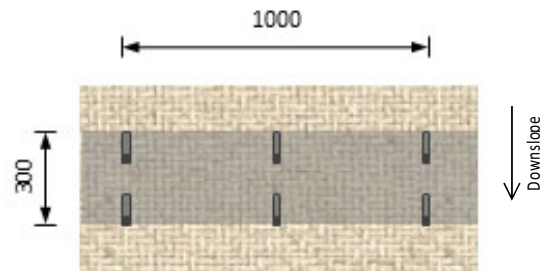
Pinning Patterns

Pattern Name	Pins per m ²	Distribution				Pattern Name	Pins per m ²	Distribution			
PB-1	1.5	a: 3	b: 2	c: 2	d: 2	PB-3	2.9	a: 4	b: 3	c: 4	d: 3
PB-2	1.8	a: 3	b: 2	c: 3	d: 2	PB-4	3.5	a: 4	b: 4	c: 4	d: 4

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 1.83m Pin Layout

Pinning Pattern PB-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	2	Two pins between overlaps
d	2	Two pins between overlaps

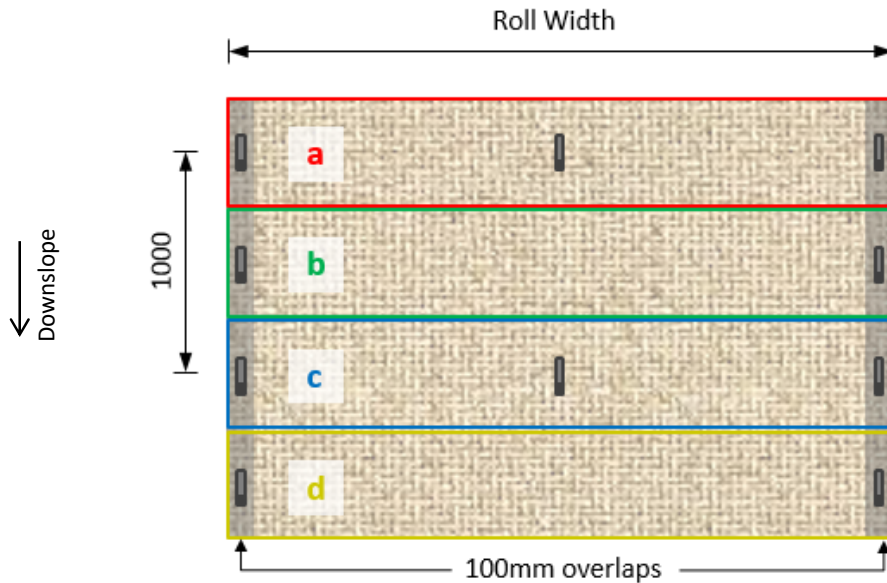
Pattern repeats below



Pinning Erosamat to a Slope

Roll Width 1.83m Pin Layout

Pinning Pattern PB-2



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 1.83m Pin Layout

Pinning Pattern PB-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	3	Three pins between overlaps
c	4	Four pins between overlaps
d	3	Three pins between overlaps

Pattern repeats below



Pinning Erosamat to a Slope

Roll Width 1.83m Pin Layout

Pinning Pattern PB-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	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