

# Pinning Erosamat to a Slope

## Roll Width 2m Pin Layout

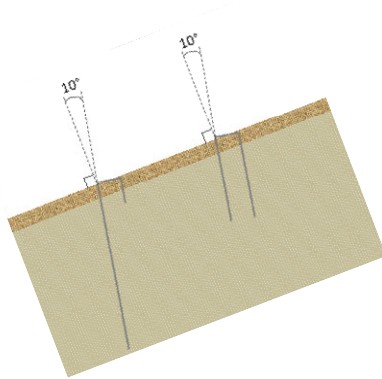
### Typical Pin Frequencies (excluding edge pins):

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 2	2.0m (Pattern PC)	Abpin 300/4 J	1.4 pins/m <sup>2</sup> (Pattern PC-1)	1.6 pins/m <sup>2</sup> (Pattern PC-2)	2.7 pins/m <sup>2</sup> (Pattern PC-3)
		Abpin 150/3 U	1.6 pins/m <sup>2</sup> (Pattern PC-2)	2.7 pins/m <sup>2</sup> (Pattern PC-3)	3.2 pins/m <sup>2</sup> (Pattern PC-4)
		Abpin 150LL Bio	1.6 pins/m <sup>2</sup> (Pattern PC-2)	2.7 pins/m <sup>2</sup> (Pattern PC-3)	3.2 pins/m <sup>2</sup> (Pattern PC-4)

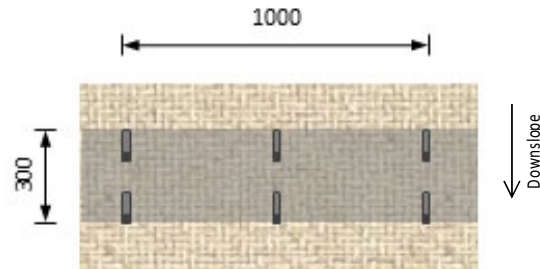
### Pinning Patterns

Pattern Name	Pins per m <sup>2</sup>	Distribution				Pattern Name	Pins per m <sup>2</sup>	Distribution			
PC-1	1.4	a: 3	b: 2	c: 2	d: 2	PC-3	2.7	a: 4	b: 3	c: 4	d: 3
PC-2	1.6	a: 3	b: 2	c: 3	d: 2	PC-4	3.2	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 2m Pin Layout

**Pinning Pattern PC-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
<b>a</b>	3	Three pins between overlaps
<b>b</b>	2	Two pins between overlaps
<b>c</b>	2	Two pins between overlaps
<b>d</b>	2	Two pins between overlaps

Pattern repeats below

# Pinning Erosamat to a Slope

## Roll Width 2m Pin Layout

**Pinning Pattern PC-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
<b>a</b>	3	Three pins between overlaps
<b>b</b>	2	Two pins between overlaps
<b>c</b>	3	Three pins between overlaps
<b>d</b>	2	Two pins between overlaps

Pattern repeats below

# Pinning Erosamat to a Slope

## Roll Width 2m Pin Layout

**Pinning Pattern PC-3**

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

Row Ref.	Pin Distribution	Description
<b>a</b>	4	Four pins between overlaps
<b>b</b>	3	Three pins between overlaps
<b>c</b>	4	Four pins between overlaps
<b>d</b>	3	Three pins between overlaps

Pattern repeats below



# Pinning Erosamat to a Slope

## Roll Width 2m Pin Layout

**Pinning Pattern PC-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
<b>a</b>	4	Four pins between overlaps
<b>b</b>	4	Four pins between overlaps
<b>c</b>	4	Four pins between overlaps
<b>d</b>	4	Four pins between overlaps

Pattern repeats below