



## **GENERAL INSTRUCTION FOR THE APPLICATION OF LANDSCAPE LOCK**

### **EQUIPMENT**

- Preferably use a garden pressure spray bottle.
- For large areas a watering can may be used, but the flow rate needs to be controlled.
- For high traffic areas and light vehicle pathways, where complete pebble/Deco coating is required a cement mixer or a large polyethylene bucket and paddle, may be used.
- Have available a bucket of water to store the tip of the spray nozzle in during any breaks in the application work.
- Measuring jugs to load the correct proportions of concentrate and water.
- Mechanical compactor or flat surfaced hand tamp.
- **All equipment should be thoroughly washed clean as soon as possible after use.**

### **MIXING**

- When mixing in garden pressure spray bottle.
- Put ½ water volume in first to prevent concentrate remaining at bottom, add concentrate, then add remaining water on top and shake well to mix.
- When mixing in a watering can. Put ½ water in first to prevent concentrate remaining at bottom, add concentrate, then add remaining water on top, use a paddle to mix well.
- When mixing for a slurry application, mix well Landscape Lock concentrate and water in a bucket at the desired ratio. Draw from this pre-mixed bucket the required volume to mix with pebbles or stones.

### **PREWETTING**

- Prewetting is optional but does assist with spread of the mixture and allows maximum layer penetration.
- Spray area lightly with clean water to dampen the surface and break the mulch or pebble's surface tension.
- Use this prewetting to assess the width and volume of the spray nozzle and adjust accordingly.
- Also assess the height to spray from so as not to spray on stepping stones or hard surface surrounds.
- When using a watering can, the rose may have many of the holes taped closed so as to slow the flow rate of the liquid. Too many holes will allow the liquid to run out quickly, flooding certain parts and not leaving sufficient mix to cover the complete area.
- The number of holes taped closed and the speed of spreading the mix, needs to be determined by prior experiment using water.



### **Warning:**

**PROTECT SURROUNDING AREA DURING APPLICATION**



#### **Landscape Lock can be difficult to remove from porous surfaces once set.**

- Wet surrounding hard surfaces such as concrete driveways and pathways, stepping stones, tiles, brick borders, etc. prior to nearby application.
- Wash any overspray off these surfaces immediately and prior to them drying.
- Clean any spillage using a soaking wet cloth and wash residue with ample water.
- Wash and wipe overspray off plant leaves.



## Warning:

Always clean equipment with water immediately after use.



- Landscape Lock is an adhesive which will set into a flexible solid. It may be difficult to remove from small components contained within a spray nozzle.
- Wash measuring equipment soon after use.
- Store unused Landscape Lock concentrate with lid closed tightly. A skin may form on the surface (similar to paint) **ensure no skin is poured into the spray bottle as it will block the nozzle and filters.**
- Unused pre-mixed Landscape lock may be stored in a bottle with the lid closed tightly. There is less risk of a skin forming on premixed product.
- **Store spray nozzle tip in a bucket of water during breaks in spraying.**

**Blocked spray equipment may be cleared by disassembling and cleaning the nozzle components and the filter at the base of the suction pipe**



## Warning:

White or light-coloured pebbles could become discoloured over time where Landscape Lock has been applied.



### Causes can be:

Dust and dirt accumulate on the coated surface of the pebbles over a period of time, changing the colour of the pebbles when compared to un-coated pebbles.

A suggestion to reduce this effect is to use a garden leaf blower, on a regular basis, to clean the pebbles.

Landscape Lock contains biodegradable components.

Microbial organisms can grow on the Landscape Lock film leaving a residue that causes the pebbles to darken.

To avoid this please occasionally spray the area coated with Landscape Lock with a dilute bleach/water solution or vinegar/water solution.

As the above conditions are beyond its control, Landscape Lock cannot take responsibility for pebbles becoming darker.

## **DILLUTION RATES AND APPLICATION METHOD TO SUIT DESIRED USE**

### **Notice:**

All applications of Landscape Lock are improved with proper compaction after application

<b>ORGANIC GARDEN MULCH NO FOOT TRAFFIC</b>						
<b>Substrate to be treated</b>	Wood Chip mulch (Flat to mild slope)	Wood Chip mulch (STEEP SLOPE)	Pine bark and tea tree mulch	Fine mulch	Straw and sugar cane mulch	Piles of leaves and garden debris
<b>Parts to water</b>	1 to 4	1 to 4	1 to 4	1 To 5	1 to 6	1 to 6
<b>Square metres per litre of mix</b>	1 to 2	1 to 1.5	3	3	4	4
<b>Area per litre Landscape Lock</b>	5 to 10 sq m	5 to 7.5 sq m	15 sq m	18 sq m	24 sq m	24 sq m
<b>Purpose</b>	<ul style="list-style-type: none"> <li>Retains mulch in place when using a garden leaf blower or in the event of high winds or heavy rain. <u>Will not deter large birds such as brush turkeys</u> but does resist small birds spreading mulch out of the garden bed.</li> </ul>					
<b>Application method</b>	<ol style="list-style-type: none"> <li>1. Mix in garden pressure spray bottle.</li> <li>2. Spray until area is completely wet and soaked with mixture.</li> <li>3. Allow to set undisturbed for 24 hours without rain or water.</li> </ol>					



### **Warning:**

Pebbles sized greater than 15mm are not recommended for trafficable footpaths



<b>DECORATIVE GARDEN PEBBLES NO FOOT TRAFFIC</b>	
<b>Substrate to be treated</b>	<b>Polished pebbles 20 to 30mm diameter</b>
<b>Parts to water</b>	Mix well 1 part Landscape Lock to 4 parts water
<b>Sq. m. per litre of mix</b>	1 to 1.5 sq m per litre apply one to two coats
<b>Area per litre</b>	5 to 7.5 square metres per litre of Landscape Lock concentrate
<b>Purpose</b>	<ul style="list-style-type: none"> <li>Decorative garden cover or pebbles between paver type stepping stones.</li> <li>Nil to very light foot traffic.</li> <li>Useful for cleaning with garden blower without disturbing the pebbles</li> <li>Avoid scuffing when wet or after rain, not all the concentrate may be set after the first 24 hours, water can soften the bond permitting pebbles to move with rough handling.</li> </ul>
<b>Application method</b>	<ol style="list-style-type: none"> <li>1. Remove dirt to accommodate depth of pebbles. Compact the undersurface/base.</li> <li>2. Lay weed mat over the area.</li> <li>3. Pre compact pebbles by pressing on them to flatten stones and increase the area of stones touching.</li> <li>4. Dampen pebbles</li> <li>5. Mix in a garden pressure spray bottle.</li> <li>6. Spray until area is completely wet and soaked with mixture. Try to spray at different angles to wet lower stones.</li> <li>7. Allow to set undisturbed for 24 hours without rain or water.</li> </ol>

<b>DECORATIVE GARDEN PEBBLES UP TO 30MM DIAMETER OCCASIONAL ACCIDENTAL FOOT TRAFFIC</b>	
<b>Substrate to be treated</b>	<b>Polished pebbles 20 to 30mm diameter</b>
<b>Parts to water</b>	Mix well 1 part Landscape Lock to 3 parts water in pressure spray or restricted flow watering can
<b>Sq. m. per litre of mix</b>	1 square metre per litre per layer. A total of 2 litres of mix per square metre.
<b>Area per litre</b>	2 square metres per litre of Landscape Lock concentrate
<b>Purpose</b>	<ul style="list-style-type: none"> <li>• Decorative garden cover or pebbles <u>between paver type stepping stones</u>.</li> <li>• Well bonded surface, suitable for occasional foot traffic or light scuffing when stepping on pavers.</li> <li>• Avoid scuffing when wet or after rain, <u>water will soften the bond</u> permitting large pebbles to move with rough handling.</li> </ul>
<b>Application method</b>	<ol style="list-style-type: none"> <li>1. Remove dirt to accommodate depth of pebbles. Compact the undersurface/base.</li> <li>2. Lay weed mat over the area.</li> <li>3. Lay 50% of pebbles over entire area.</li> <li>4. Spray until area is completely wet and soaked with mixture. Rake pebbles to distribute mixture ensure pebbles are level after raking.</li> <li>5. Lay remaining pebbles and spray until the area is again completely wet. Rake the pebbles to distribute the mixture.</li> <li>6. <b>Compact the area.</b></li> <li>7. Spray a topcoat to cover compacted pebbles.</li> <li>8. Allow to set undisturbed for 48 hours without rain or water.</li> </ol>

<b>PEBBLE PATHWAYS MEDIUM VOLUME OF FOOT TRAFFIC – METHOD 1</b>	
<b>Substrate to be treated</b>	Polished pebble pathway using pebbles <b>9 to 12 mm diameter – for infrequent domestic foot traffic</b> Polished pebble pathway using pebbles <b>5 to 8 mm diameter – for frequent domestic foot traffic</b>
<b>Parts to water</b>	Mix well 1 part Landscape Lock to 4 parts water in pressure spray or restricted flow watering can
<b>Sq. m. per litre of mix</b>	1 square metre per litre per layer. A total of 2 litres of mix per square metre.
<b>Area per litre</b>	2 square metres per litre of Landscape Lock concentrate
<b>Purpose</b>	<ul style="list-style-type: none"> <li>• Decorative pedestrian pathway having infrequent foot traffic</li> </ul>
<b>Application method</b>	<ol style="list-style-type: none"> <li>1. Cut a pathway of sufficient depth below the surrounding garden level to accommodate the depth of pebbles required, recommended 25 to 40 mm</li> <li>2. Remove loose dirt and line edges with metal or plastic edging.</li> <li>3. Lay weed mat over the area.</li> <li>4. Ensure a firm base exists, if not, if not cut the pathway deeper and apply 50mm, <b>compacted</b> 20 mm road base or drainage pebbles. Dampen base before application of Landscape Lock.</li> <li>5. Lay 50% of pebbles over entire base area.</li> <li>6. Spray until area is completely wet and soaked with mixture. Rake pebbles to distribute mixture ensure pebbles are level after raking.</li> <li>7. Lay remaining pebbles and spray until the area is again completely wet. Rake the pebbles to distribute the mixture.</li> <li>8. <b>Compact the area well</b> ensure a smooth, even finished surface.</li> <li>9. Spray a topcoat to cover compacted pebbles.</li> <li>10. Allow to set undisturbed for 48 to 72 hours without rain or water.</li> </ol>

<b>PEBBLE PATHWAYS MEDIUM VOLUME OF FOOT TRAFFIC – METHOD 2 PROVIDES GREATER ADHESION</b>	
<b>Substrate to be treated</b>	Polished pebble pathway using pebbles 9 to 12 mm diameter – <b>for infrequent domestic foot traffic</b> Polished pebble pathway using pebbles 5 to 8 mm diameter – <b>for frequent domestic foot traffic</b>
<b>Parts to water</b>	1 part Landscape Lock to 3 parts water
<b>Sq. m. per litre of mix</b>	2 litre of mixture per 1 square meter (20 Kg bag or 10 litre bucket of pebbles)
<b>Area per 25 kg</b>	20 kg pebbles will cover 1 sq m to a depth of approximately 12.5 mm
<b>Area per litre</b>	0.75 to 1 square metres per litre of Landscape Lock concentrate
<b>Purpose</b>	<ul style="list-style-type: none"> <li>• Domestic pathway having heavy foot traffic pebble depth 25 to 38 mm</li> </ul>
<b>Application method</b>	<ol style="list-style-type: none"> <li>1. Cut a pathway +/- 90 mm below surrounding garden level, remove dirt and line edges with metal or plastic edging</li> <li>2. Lay weed mat over the pathway area.</li> <li>3. Create a firm base 50 mm deep using <b>well compacted</b> 20 mm road base or drainage stones. Dampen before application of Landscape Lock.</li> <li>4. Mix pebbles with mixture in cement mixer or large bucket ensuring all pebbles are well coated and the combined mixture and pebbles form a type of slurry.</li> <li>5. Apply slurry to path area to a depth of at least 20 mm. Apply 40 mm depth for heavier traffic.</li> <li>6. Apply 1.5 to 3 bags/buckets per square metre.</li> <li>7. <b>Compact the area well</b> ensure a smooth, even finished surface.</li> <li>8. Allow to set undisturbed for 48 to 72 hours without rain or water.</li> </ol>

<b>DECOMPOSED GRANITE PATHWAY FOR LIGHT VEHICLES BICYCLES AND HEAVY FOOT TRAFFIC</b>	
<b>Substrate to be treated</b>	Decomposed granite type crushed stones 5 to 9 mm size plus fines
<b>Parts to water</b>	1 part Landscape Lock to 4 parts water
<b>Sq. m. per litre of mix</b>	2 litre of mixture per 1 square meter (25 Kg bag or 12 Litre bucket of stones)
<b>Area per 25 kg</b>	25 kg pebbles will cover 1 sq m to a depth of approximately 15 mm
<b>Purpose</b>	<ul style="list-style-type: none"> <li>• Golf course paths, BMX riding tracks, public parks pathways, golf course sand bunker slopes</li> </ul>
<b>Application method</b>	<ol style="list-style-type: none"> <li>1. Cut a pathway +/- 90 to 115mm below surrounding garden level, remove dirt and line edges with metal or plastic edging</li> <li>2. Lay weed mat over the pathway area.</li> <li>3. Create a firm base 50 mm to 75 mm deep using <b>well compacted</b> 20 mm road base or drainage stones. Dampen before application of Landscape Lock.</li> <li>4. Mix stones with mixture in cement mixer or large bucket ensuring all pebbles are well coated and the combined mixture and pebbles forms a type of slurry.</li> <li>5. Apply slurry to path area to a depth of at least 40 mm.</li> <li>6. Apply 3 bags/buckets per square metre.</li> <li>7. <b>Compact well using a mechanical compactor</b>, ensuring a smooth, even finished surface.</li> <li>8. Allow to set undisturbed for 72 hours without rain or water.</li> </ol>