



LANDSCAPE LOCK® - Decomposed Granite Pathway Application Instructions

For garden paths – golf course pathways – public garden walkways – bike riding trails – bush walking tracks

1.) Prepare the Site:

a. Prepare your sub-base

Plan out the area you want to make your pathway. Determine your pathways finished height and measure its dimensions and prepare your material lists. *Landscape Lock* usage of concentrate will require approximately 1.1 litre per 2 sq m over the two applications required to make a strong pathway.

If your site has sandy or loose soil, a compacted sub base will provide a stronger, longer lasting pathway.

To create a strong sub-base for your pathway, spread Crusher Dust at a depth of 75mm to 100mm over the area. You may have to remove soil before adding the Crusher Dust depending on the intended final height of the pathway. Lightly dampen the sub-base material and compact until firm. This may take several passes.

b. Prepare your base

It is important to pick an appropriate aggregate to use with *Landscape Lock*. The aggregate must contain about 50% fines. A good material is decomposed granite chips.

Evenly graded rock and stone will not work because there is no fine grained aggregate to fill in the spaces between the rocks.

Spread a 50mm layer of crushed rock and fines or decomposed granite evenly over the pathway area. *Landscape Lock* is absorbed better in moist materials. Pre-moisten your base material if it's dry, pre-wet at a rate of 2m²/litre of water. Allow 60 minutes for the water to fully penetrate. A second wetting prior to application may be necessary in hot weather.

Dry climate: The site must be free from rain for a minimum of 72 hours after the application.

Weather: Temperature must be at least 8°C.

Drainage: Optimally, contour the site to provide for proper drainage to prevent channelled water flow.

2.) Prepare Application Equipment

Use Garden watering can or pressure spray pack.

If using watering can, measure output of can with water before using *Landscape Lock* to ensure the correct application rate is used.

If using pressure sprayer:

Spray Nozzles: Set spray nozzles to the desired width, height and output rate.

Coverage: The spray nozzles should provide an even coat over the treatment area with each pass.

Spray Rate: Set the spray rate high enough to allow even coverage with multiple coats and low enough to prevent material from draining away from the treatment area.

3.) Prepare the *LANDSCAPE LOCK* Dilution:

Substrate to be treated	Parts concentrate	Parts Water	Total sq m per litre of mix	Example m ² to be treated	Litres of <i>LANDSCAPE LOCK</i> required for 100m ²	Litres of water required	Litres of dilute
Walking Trails and Paths - BASE	1	4	0.5	100	40	160	200
Top Coating	1	3	1.6	100	15	45	60

Foaming: To prevent foaming, add the *LANDSCAPE LOCK* concentrate last, directly into the water.

4.) Apply the *LANDSCAPE LOCK* Dilution

DO NOT compact your base prior to the first application of *Landscape Lock* or the liquid will not penetrate properly.

The *Landscape Lock* dilution can be applied with a garden watering can or a pump sprayer. Apply at a rate of 2 litres per m² as per above table.

Do not apply excess in any particular area. Keep moving the applicator to prevent the mixture running off the surface.

Delay compacting your pathway for 30 – 45 minutes after applying the first coating of *Landscape Lock*. Make several passes over your *Landscape Lock* saturated base using a vibrating plate compactor or heavy stamper. The more compacted the base is, the stronger your pathway will be.

WAIT 6-24 hours to allow the stabilizer to cure before applying the 2nd and final topcoat of *Landscape Lock* at the dilution rate and application rate as per the above table.

5.) Clean the Application Equipment

Rinse: Rinse off all application equipment thoroughly with water until clean, immediately after use. If *LANDSCAPE LOCK* is allowed to dry and cure, use a pressure washer or steam cleaner and a brush to remove residue.

Store spray head in a bucket of water between coats to prevent blockage.

Traffic: Prevent any human activity over the treated area until completely dry

Curing: Allow the treated area to dry and cure for approximately 24 to 48 hours at 21°C.

Performance Factors:	Application rate, sub-base, soil type, dilution, compaction, traffic, penetration, climate & others
Maintenance:	Re-coat surface as required - timing between coatings will depend on traffic usage, re-coat at least every 12 months.
Rain / Precipitation:	Once cured, <i>LANDSCAPE LOCK</i> is no longer water soluble and will not dissipate or wash away.

Please call *LANDSCAPE LOCK* on 07 3279 2554 or email us at admin@landscapelock.com.au with any questions.

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