LANDSCAPE LOCK® - Mulch Application Instructions

1. **Prepare the Site:**

Dry Mulch: The site should be completely dry and free from water. The site must be free from rain for a minimum of 24 hours after the application, for the best results up to 72 hours.

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**

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.

Pre-Wetting (Optional): Pre-wet the mulch with a very light spray of water (only) to break the surface tension and increase penetration depth.

3. **Prepare the LANDSCAPE LOCK Dilution:**

Area to be treated	m2/L	L/m2	Parts Water	Traffic Area	Life (Months)	m2 to be treated	Litres of LANDSCAPE LOCK required	Litres of water required	Litres of dilute required	L/m2 of dilute
Landscape Lock for MULCH (flat to mild slope)	10	0.1	4	No	12	100	10	40	50	0.5
Landscape Lock for MULCH (steep slope)	7	0.14	4	No	12	100	14	56	70	0.7

Add Water: Fill the application equipment with the recommended volume of water.

Example: MULCH Application (Flat to Mild slope) = 10m²/litre + 4 parts water (see above table)

Equipment: 5 litre pump sprayer, high pressure for optimal results

Calculation: 4+1 = 5 parts dilution total. 5 litres / 5 parts = 1 litre per part

Volume of Water: 1 litre X 4 parts water = 4 litres of water

Volume of LANDSCAPE LOCK: 1 litres X 1-part Landscape Lock = 1 litre of LANDSCAPE LOCK concentrate

Volume of Dilution: 1 litre of LANDSCAPE LOCK + 4 litres of water = 5 litres of LANDSCAPE LOCK dilution

Application: Apply the dilution at the recommended rate (as per table above)

LANDSCAPE LOCK: Fill the application equipment with the recommended volume of LANDSCAPE LOCK concentrate.

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

4. **Apply the LANDSCAPE LOCK Dilution**

Multiple Coats: Apply the LANDSCAPE LOCK dilution in coats over the treatment area. On slopes, the steeper the slope, the need for more coats (to prevent run-off and increase penetration depth).

Drying: Each successive coat of LANDSCAPE LOCK dilution should be applied in a timely manner to insure that the surface always stays wet with the LANDSCAPE LOCK dilution. On slopes, DO NOT allow the LANDSCAPE LOCK dilution to dry in between the application coats. Failure to do so will result in an underperforming “skin” layer rather than a penetrating layer.

5. **Clean the Application Equipment**

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

Traffic: Prevent any human activity over the treated area.

Curing: Allow the treated area to dry and cure for approximately 24 to 48 hours. Do not touch the treated area until the product is dry.

Performance Factors: Application rate, mulch type, dilution rate, compaction, traffic, penetration, climate & others

Maintenance: Approximately 30% the original volume used.

Rain / Precipitation: Once cured, LANDSCAPE LOCK is no longer water soluble and will not dissipate or wash away.

Please call LANDSCAPE LOCK on 0274 122 599 or email us at sales@landscapelock.co.nz with any questions.