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***LANDSCAPE LOCK*® - Woodchip and Other Mulch Application Instruction for use**

**NB: 10 LITRES OF *LANDSCAPE LOCK* REQUIRED PER 100 SQUARE METRES OF WOODCHIP MULCH – LESS FOR OTHER MULCH TYPES**

1. **Prepare the Site:**

**Dry Mulch:** The site should be completely dry and free from water. The site must remain free from rain for a minimum of 24 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.

1. **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.

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

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| **Substrate to be treated** | **Parts****concentrate** | **Parts Water** | **Total sq m** **per litre of mix** | **Example m² to be treated** | **Litres of *LANDSCAPE LOCK* required for 100m²** | **Litres of water required** | **Litres of dilute**  |
| Stones up to 20 mm diameter | 1 | 3 | 2 | 100 | 12.5 | 37.5 | 50 |
| Wood Chip mulch (Flat to mild slope) | 1  | 4 | 2 | 100 | 10 | 40 | 50 |
| Wood Chip mulch (STEEP SLOPE) | 1 | 4 | 1.5 - 2 | 100 | 10 - 13 | 40 -53 | 50 -66 |
| Pine bark and tea tree mulch | 1 | 4 | 3 | 100 | 7 | 27 | 33 |
| Fine mulch | 1 | 5 | 3 | 100 | 5.5 | 27.5 | 33 |
| Straw and sugar cane mulch | 1 | 6 | 4 | 100 | 3.5 | 21.5 | 25 |

**Add Water:** First fill the spray application equipment with the required volume of water and add the required volume of Landscape Lock concentrate to the water. Shake well to mix.

Example: Woodchip mulch (no traffic) flat to mild slope: mix 1 litre Landscape Lock to 4 litres clean water mix and apply at 2m²/litre of diluted mixture to coat 10 square metres per litre of concentrate.

Equipment: 5 litre spray pack preferred however any pressure spray bottle may be used

Calculation: 5 litres of Landscape Lock mixed with 20 litres clean water will cover 50 square metres of mulch.

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

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

1. **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 increased 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 ensure 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.

1. **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 nozzle blockage.

**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:** Recoat using a lighter coverage than originally applied after 12 months of exposure. Blow dust off mulch before recoating.

**Rain / Precipitation:** Once cured, *LANDSCAPE LOCK* 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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