Noble Earth Technologies

# Earthworks Stabiliser

## CAUTION – POISON

## KEEP OUT OF REACH OF CHILDREN

CONTAINS

Noble Earth Technologies 'Earthworks Stabiliser' is a powerful binding liquid preparation that is applied to stockpiles, embankments, unpaved roadways and shoulder, parking lots and tailings, which can be applied using water truck equipment; a pump, hose and fire-hose type nozzle. It penetrates, saturates and bonds surface dust and aggregate together to create a complete, dust free, water resistant and resilient surface. 'Earthworks Stabiliser' is suited for low plastic non-plastic soils and gravels but can also be used on a wide variety of materials from homogenous, non-cohesive limonite sands to literate gravies.

Solutions of 10% to 30% 'Earthworks Stabiliser' are generally typical each soil type site specific. Firstly, test the soil with varying percentages to ascertain the required application rate. For road stabilisation, the addition of 3% Portland Cement provides strength and flexibility to the finished surface. This is recommended where the surface is not able to be prepared with the appropriate rolling and water blending. In the above example, 3% (cement) of the total mixed solution (i.e. 1000Ltrs) is recommended meaning 180kgs.

**DIRECTIONS FOR USE**: Using at 10% solution to treat 6,000sqm, 600 litres of 'Earthworks Stabiliser' is required; the product is mixed with water and applied at a rate of 1 litre of the mixed solution to each square metre. Therefore, 6,000sqm needs 6,000litres of finished mix 5400 litres of water and 600 litres of 'Earthworks Stabiliser'. Apply via a spraying device. Allow drying, time is dependent on conditions.

For a two-coat application, simply divide the required 'Earthworks Stabiliser' in half and apply in two passes. EF: 6,000sqm at 10% product = 600litres of 'Earthworks Stabiliser'. 300 litres of product with 5,700 litres of water applied at 1 litre of finished product per square metre. Repeat for the second coat. Two coats may be necessary on very dry and absorbent soils where deeper penetration is required. It is also advisable to add a wetting agent, such as Noble Earth Technologies 'Wetting Agent' to the first coat pass to ensure a deep absorption. Use the Noble Earth Technologies 'Wetting Agent' at 14 litres per 1000 litres of water.

For further application details and technical information and uses please consult with the Noble Earth Technologies technical department.

**FIRST AID**: If poisoning occurs, contact a Poisons Information Centre (phone 13 11 26 from anywhere in Australia) or a doctor. If inhaled, seek fresh air. Apply artificial respiration or oxygen if necessary. If in eyes, flush with copious volumes of water, lifting eyelids occasionally and seek medical attention. If skin contact occurs, thoroughly was the exposed area with soap and water. Remove contaminated clothing and launder before re-use. If ingested and not a serious poisoning hazard, drink plenty of water and seek medical attention.

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