

V-Max Ground Preparation & Installation

- V-Max products (SC250, C350 & P550) are surfaced applied and should only be installed over a flat well prepared soil surface.
- If ground preparation is uneven or if installation is poor and the geomat is not in intimate contact with the soil then snagging could occur during future grass cutting and vegetation establishment may be impeded.
- It is important to select the appropriate type of fixing pin at the specified frequency. Free samples of pins are always available to test on site prior to delivery.

Key Points:

- The soil should be a suitable medium to support vegetation growth
- Whether cut or placed the soil should be free from stones, roots and other irregular obstructions
- The soil surface should be very even with no bumps or holes.
- Once an even soil profile is achieved the soil should be prepared ready to receive the seeding.
- Ideally a fine tilth should be achieved using a tractor.
- Seeding can be drilled, hand sown or hydro-seeded but care should be taken to ensure that the seed is evenly distributed and sown at the specified rates (typically 25-30gms/m²)
- Once seeding has been undertaken the soil should be gently rolled if possible.
- All V-Max products should be rolled out as they appear from the packaging with the fibre on the soil side down. *All erosion control geotextiles must be in intimate contact with the soil surface to function.*
- Overlaps are typically 50-100mm between roll sides and ends
- All edges should be finished into an anchor trench.

WRONG



Correct



Above: An example of very poor installation over badly prepared uneven soil. Poor ground preparation will result in limited vegetation establishment & potential product failure.

Above: A good example of ground preparation & V-Max installation. Note the good contact between the product and the soil.

Soil Preparation is Critical



Seed onto a flat, even soil surface that has a tilth



The V-Max Geomat Must Be In Intimate Contact with the Soil Below



Overlap in a “tile” orientation to prevent water from going under the overlap



Tie all the V-Max geomat into an anchor trench



- Pin at the specified centres using a suitable fixing pin for the soil conditions.
- Once installed to not drive over the matting and limit foot access

V-Max Grass Cutting Maintenance Notes

- V-Max products (SC250, C350 & P550) are surfaced applied and should only be installed over a flat well prepared soil surface.
- If ground preparation is uneven or if installation is poor and the geomat is not in intimate contact with the soil then snagging could occur during future grass cutting.
- Grass should be left to develop for two growing seasons or until the stem density provides a complete cover over the V-Max Product.
- Grass cutting should occur in dry conditions when the soil will support the weight of the cutting tractor
- Grass should be cut to a minimum of 100mm and ideally to 150mm
- Flail cutting should not be used as the lack of accurate control can cut into the soil and rip the V-Max product.
- The grass should be cut with a tractor such as a Aebi Terratrak grass cutter.

Grass cutting equipment should be adjusted to a height to avoid contact with the ground surface.

