

CASE STUDY - DOC GISBORNE AREA OFFICE - 30-02-09

PROJECT: GREYS BUSH SCENIC RESERVE – TRACK UPGRADE

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LOGIC FOREST SOLUTIONS

Project Brief

The primary aim was to upgrade the current track to an enhanced short walk experience within a tall stand, kahikatea (podocarp), forest area close to an urban area i.e. 9.5 kilometres from Gisborne town centre. A secondary aim was to provide the opportunity of enjoyment to as wide a proportion of the general public as possible, in particular the disabled and young families using wheel chairs and strollers.

Construction Steps

1. Levelled the ground with a slight elevation in the middle of the track. The total width of the track is approximately 1.6 metres.
2. Laid sand, approximately 20ml, onto the track (over the compacted parent material) and compacted to provide a bed for the mat to lie on.
3. The mats were laid, shortest side (4mats x 400mm total 1600mm) across the track interlocking the mats in straight sections of track.
4. The mats were secured in place using 10mm gauge reinforcing steel cut to 200mm lengths @ approx 1 per matt.



5. The mats were filled and compacted, using a local aggregate (Matakoitoki Red Rock)



6. A cap layer was then applied of GAP20 with a small amount of cement added to aid compaction and surface strength.



Summary

Track has now been down 4 months with regular visitors and very favourable comment as to enhanced walking comfort.

The function of this case study format is to circulate information to those involved in the industry so as opinions and ideas can be viewed widely and assist others. Jakaar Industries Ltd is not actively involved in the laying of geocell product and hence does not have expertise in this area. We are plastic manufactures involved in designing of plastic products to perform a particular function. The information in this sheet is to the best of our knowledge true and accurate and all instructions, recommendations and suggestions are made without guaranteeing. The product should be stored and handled observing good industrial work practice guidelines and regulations.