

CLIENT: BIG4 Holiday Parks | LOCATION: Noosa, Queensland

THE BRIEF:

BIG4 Holiday Parks is a 40-year-old Australian icon that operates 169 caravan and holiday parks across every state and territory in Australia. The company reached out to GEOHEX for information about how the GEOHEX Erosion Control System could help them to better stabilise soft areas at their BIG4 Ingenia Holidays Noosa caravan park on Queensland’s Sunshine Coast. The client discovered GEOHEX through social media and had heard positive feedback on the GEOHEX Erosion Control System from other caravan park operators.



DESIGN REQUIREMENTS:

BIG4 Holiday Parks required a proven surface stabilisation solution that would enable the operators of the BIG4 Ingenia Holidays Noosa caravan park to best manage erosion on their site while accommodating heavy traffic from large vehicles and caravans.

With the site receiving regular rainfall, the natural soft state of the ground was posing problems for the operator, with deep wheel tracks often left across the dirt and grass site. As well as requiring maintenance work to repair the site, this also posed a safety risk for visitors when entering and exiting their vehicle on site. The client needed a solution that would solve these problems while maintaining the natural look and feel of the site, which ruled out concrete and asphalt.

THE SOLUTION:

As a test case to gauge the effectiveness of the GEOHEX Erosion Control System, BIG4 Holiday Parks installed a 200sqm test pad of GEOHEX at its Noosa caravan park. The area where GEOHEX would be installed covered the main driveway into the site, as well as a grassed area where customers park their caravan while staying at the park.

The GEOHEX for the test pad was supplied through our official GEOHEX reseller in Nambour and installed by a landscaper, who noted that installing GEOHEX was, “just so easy”. The infill material used was a binding mix of crusher dust and fertilised organic soil. Grass was then laid over the GEOHEX to maintain a natural look to match the idyllic natural setting of the caravan park – something that couldn’t have been achieved if concrete or asphalt was used.



CASE STUDY

BIG4 HOLIDAY PARKS

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WHY GEOHEX:

By their very nature, caravan and holiday parks are prime candidates for the innovative GEOHEX Erosion Control System. Caravan parks can be quite soft sites that receive substantial rainfall, which can make managing heavy and frequent traffic in the form of caravans and large 4WD vehicles a major challenge. After the wet season, caravan park operators are required to do a great deal of site maintenance to restore their site due to surface damage left by heavy vehicles during peak holiday season.

Made from high impact resistant, 100% recycled co-polymer polypropylene, the Australian-made GEOHEX Erosion Control System boasts a maximum load bearing capacity of 1200t/sqm when filled. This makes GEOHEX a prime solution for stabilising soft ground that receives heavy traffic and helping caravan and holiday park operators to best manage their site during peak season, when they most need it.

THE RESULT:

Since installing the GEOHEX test pad on their site at Noosa, BIG4 Holiday Parks is seeing in no uncertain terms the effectiveness of the GEOHEX system to stabilise soft ground and help it bear the brunt of regular, heavy traffic.

"The ground is now as solid as a rock," explains Josh Lewis from A Plus Plastics. "And at the same time, it's still giving them great drainage. The operators of the BIG4 Ingenia Holidays Noosa caravan park can see and feel underfoot that GEOHEX does make a huge difference and that they're not going to have any issues."

As a result of the successful test case at the Noosa site, A Plus Plastics is currently in talks with the operator to install another 1200sqm of GEOHEX on the site. BIG4 Holiday Parks is also now looking to install the GEOHEX Erosion Control System at several other sites across its 169-strong caravan park network Australia-wide.

ABOUT GEOHEX:

100% recyclable and made from high impact resistant, recycled copolymer polypropylene, the GEOHEX Erosion Control System is Australian made, environmentally friendly, and designed to reduce maintenance and logistics costs while increasing safety and water conservation. Its unique hexagonal plastic paving grid-like structure is design is lightweight, making GEOHEX panels easy to install in a variety of applications.

A Plus Plastics is interested in helping other caravan and holiday park operators to better manage surface stabilisation on their sites. If you're interested in hearing more about the GEOHEX Erosion Control System, call us now on [02] 9603 5322.



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