



*Delivering concrete solutions  
for a sustainable future*

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## Fibercon Macro Poly Fibre approved for use on NSW Classified Road Network

In a huge win for specialist Precast Concrete manufacturer BCP Precast, NSW Roads and Maritime Services (RMS) have approved BCPs custom pits and headwalls for use on the NSW road network.

After a rigorous assessment and audit BCP have been awarded the right to use Fibercon Macro Poly Fibre Reinforced pits on RMS Projects.

This is an enormous win for BCP and also recognition that Macro Poly fibres have a brilliant future in the market.

The specific products approved for use are the custom pits, risers and converter slabs, and are used primarily to facilitate stormwater drainage.

"It's so good to see state governments actively embracing different and environmentally friendly products", stated Fibercon CEO Mark Combe.

## Emesh Environmental Update Oct. 2019

- Recycled 102 tons of plastic—equivalent to the plastic waste of 1,125 Australians for 1 year
- Reduction of 2,850 CO2 emissions—equivalent to taking 609 cars off the roads for 1 year
- Saved 47600 m3 water
- Saved 550 tons of fossil fuel
- 4624 hours of NDIS Employment



*BCP pits to be used in NSW roads*

## Macro Poly Fibre used in Precast Garden Beds

### St Luke's Catholic College Innovative Rooftop Garden revitalises landscape in line with Green Focus

St Luke's in Marsden Park NSW, has a strong commitment to not only teaching students about protecting our environment, but actively involving them in hands on projects.

Fibercon's Macro Poly Fibre was used in Civilmart BCPs raised planter boxes for a rooftop garden which students will plant out with herbs, snow peas and strawberries. A frog pond will also be incorporated at the rear of the School of Foundations.

Fibercon's macro poly fibres fit perfectly with the school's green ethos by not only using recycled plastic, but also has no corrosion or durability issues.

You can find out more about Civilmart's speciality Precast products at <https://www.bcp.com.au/v2/>



## Byron Shire Council embraces Emesh for new Shared Cycling path

Stage 1 of a new shared footpath for both cyclists and pedestrians on Balemo Drive, Ocean Shores covers approximately 900m and underlines Byron Shire's commitment to both environmental friendly infrastructure, with health and fitness for the community.

Stage 1 works mainly impacted on the eastern side of Balemo Drive, where the new path runs along the road reserve.

Work on Stage 2 of the new path has already begun, along Broken Head Road Suffolk Park, and will see a total of 2.5km of new shared path to increase safety, and improve connectivity in this area.

## Hobsons Bay City Council Extends Emesh Usage Following Successful Trial

Following an initial trial at Skeleton Creek in 2018, Hobsons Bay City Council has used Emesh for 1500m<sup>2</sup> of shared pathway parallel to the shoreline at P.A. Burns Reserve.

Being so close to the shoreline, a key concern was eliminating any possible reinforcing corrosion over time in a harsh salt environment. As Emesh uses recycled plastic instead of traditional steel mesh, corrosion issues were eliminated from the outset.

JMac Constructions subcontracted RMB Construct to supply and lay the concrete with Emesh. Concrete was supplied by [Outwest Concrete](#)

Owner Operator Mik Considine from RMB Construct stated “the mix was easy to use, and we were able to produce a good end result. It saved us time and we’re all for using recycled products as long as they work and Emesh certainly does”

Glenn Outten, Managing Director Outwest Concrete, was similarly happy to work with Emesh: “We are always looking for sustainable products - Emesh gave us the ability to reuse waste plastic and reduce CO<sub>2</sub>. It also provided us with a superior concrete which was ideally suited to the project needs. At Outwest, we are playing our part for a circular economy”.

The project saved 15.3 tons of CO<sub>2</sub> and provided employment for NDIS workers for 27.2 hours.



*Photos of the Shared Pathway under construction, and the completed outcome*



### Congratulations—Mark Combe admitted as Fellow of Engineers Australia

“As a Fellow of Engineers Australia your skills have served our nation, and perhaps the world, for many years. ...You have the expertise to make a

difference to your profession and its next generation of practitioners.”

*Excerpt from Engineers Australia website—well done Mark!*



### Little known Fact: 10 years of supporting the NDIS

For 10 years Fibercon have had a special relationship with [McCallum Industries](#) in Ballarat to package their concrete fibres, including their Emesh 100% recycled plastic fibres. McCallum employs 90 people on the National Disability Insurance Scheme (NDIS) - all of whom have worked on Fibercon products

As CEO Mark Combe says “We’re proud that Fibercon’s Emesh and Macro Fibres have helped support these workers for over 10 years. Enabling employment for NDIS workers through the supply chain for infrastructure has long been part of Fibercon’s Sustainable Development Goals Policy.”

### Stradbroke Island’s Arrowhead Reef Recognised in Concrete Institute National & State Awards

Pacific Marine Group were recently presented an award in Innovation and Technology at the annual Concrete Institute – Awards for Excellence in Concrete .

The award was given for innovation in design for the artificial reef installation at North Stradbroke Island where 38 arrowhead modules were cast and installed at the end of 2018.

A key design aspect in receiving the award, was the use of Emesh—Fibercon’s recycled plastic fibres which gave multidirectional strength, allowing substantially less steel reinforcement in the structures. This also extends the design life due to reduced volume of steel and associated corrosion.

