

**Project:** Eagle Vale, Sloping  
Concrete Driveway

**Products:** UTEMESH®

## New Image Concrete lap up the new mesh efficiencies for driveway project



Becoming more and more popular with homeowners and being seen as a visual feature to complement the house design and landscaped garden, is concrete stamped and patterned driveways.

As visually stunning as some of the designs can be, the driveway is only as strong as the reinforcing steel within.

On a recent project in Eagle Vale, in Sydney's outer west, OneSteel Reinforcing's re-designed UTEMESH® was used to create a new sloping concrete driveway, which also featured a slate effect.

"Definitely one of the main advantages of using UTEMESH® on a project like this is it saves on labour needs," said Scott Campbell, Owner and Director of New Image Concrete, a business specialising in Residential, Commercial and Industrial concreting solutions.

"The light weight 4 m x 2 m sheet size means I'm able to unload, carry and lay the reinforcing steel and set-up the site myself," said Scott. "It essentially makes it a one man project. The only additional labour needed is to help pour and screed the concrete."

**Left:** The increased lap efficiency across and along the sheet in the new UTEMESH® reduces mesh wastage.

**Above:** The compact 4 m x 2 m sheets can be used economically in projects for driveways and paths offering savings in material.





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### **Economical\***

The products can give more cost-efficient cover and economy in the number of sheets or bars, or the volumes of steel needed to efficiently reinforce the structure and meet the design intent of the project.

### **Environmental\***

OneSteel's manufacturing of reinforcing steel utilises energy reducing Polymer Injection Technology and recycled scrap content.

\*Supporting information for specific OneSteel Reinforcing ECO-REO™ products is available at [www.reinforcing.com](http://www.reinforcing.com) in the 'Technical Resources' section.

One of the many problems concreters have faced is transporting large sheets of reinforcing mesh to the jobsite. UTEMESH® is under the legal RTA requirement for transporting reinforcing steel sheets. This also makes it a lot safer driving to the site.

The re-design of UTEMESH® has seen the flying ends reduced from 100 mm to 20 mm.

"This makes the sheets more user-friendly by minimising the risk of injury when unloading, carrying, placing and tying," Scott explained. "Plus it reduces trip hazards when the sheets are lying on the ground, adding to site safety."

Increased lap efficiency across and along the sheet is achieved by the addition of a double wire along the outer side of each sheet, another feature of the new UTEMESH® design.

"The double wire along the edge of the steel is a lot stronger to tie together and reduces wastage because you don't over exceed lapping, so you get more steel for your money. Depending on the size of the job you could save a sheet or more," Scott said.

"On occasion," said Scott, "we do jobs at the back of houses with limited or no side access so we have to go through the garage. Unlike UTEMESH®, with larger mesh sheets we'd have to cut it up to get through. As soon as you do that you're overlapping to re-join it and wasting steel," he added.

Scott has been dealing with OneSteel Reinforcing for over five years and is very pleased with the service and support he receives.

"Being able to get everything required for a job from the one supplier saves a lot of time and makes my job easier."

"On this project we're using bar chairs, crack control joints, box grates and stormwater fittings. The concrete colour and stamp mats also came from OneSteel Reinforcing."

"The products from OneSteel Reinforcing are first-class. The sales team have excellent product knowledge and offer great after sales service and advice. It's a strong business relationship that I expect to continue," said Scott.

Supporting information on environmental claims for specific OneSteel Reinforcing ECO-REO™ products including ECO-MESH™ is available on the 'Technical Resources' page of [www.reinforcing.com](http://www.reinforcing.com)

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