

**MEKINA**  
INDUSTRIES

# Owens Road Bridge Replacements

**DARACON**  
Group

## EXPERIENCE THE MEKINA EDGE



INDUSTRY'S GREENEST  
GRP FORMWORK



CONSISTENT, REPEATABLE  
PERFORMANCE



COMPREHENSIVE TECHNICAL  
ASSURANCE

## Project Details:

<b>LOCATION:</b>	MARTINSVILLE, NEW SOUTH WALES, AUSTRALIA
<b>YEAR:</b>	2024
<b>CLIENT:</b>	DARACON GROUP
<b>PRODUCT:</b>	MEK-DEK HAUNCHED, STANDARD AND CANTILEVER GRP PERMANENT FORMWORK PANELS

## PROJECT

### Bridge Replacement & Flood Mitigation With Mek-Dek GRP Permanent Formwork

The Owens Road Bridge in Martinsville required replacement due to safety concerns, wear, and structural integrity issues.

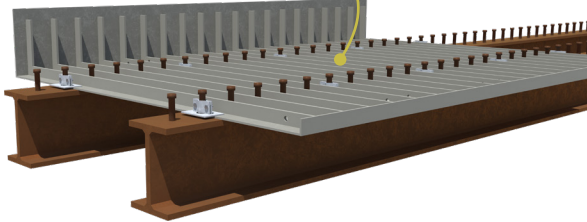
To address these challenges, Daracon Group selected Mekina Industries to provide a durable, cost-effective solution. Mekina's Mek-Dek GRP Permanent Formwork Panels, including cantilever panels, were chosen for their ability to form the deck edge and act as a permanent vertical shutter.

This innovative approach reduced labor costs and improved safety during installation, which was carried out directly above Dora Creek.

The result was a durable, efficient, and eco-friendly solution. The new bridge design also mitigates flood risks, accommodating higher water levels and ensuring reliability during severe weather.

## PRODUCT

### MEK-DEK CANTILEVER PANEL



### RAPID INSTALLATION

Eliminates the need for access beneath the structure.

### EFFICIENT HANDLING

Lightweight panels minimises on-site risk during installation.

### NO WASTAGE

Bespoke manufacture to suit project requirements boosts sustainability.

## SOLUTION

**With Over 50 Years of Experience in the GRP Industry, We Bring Extensive Expertise to Projects of This Nature.**

Modular and lightweight, Mek-Dek Panels are highly manoeuvrable, requiring less manpower & fewer resources for transport & installation.

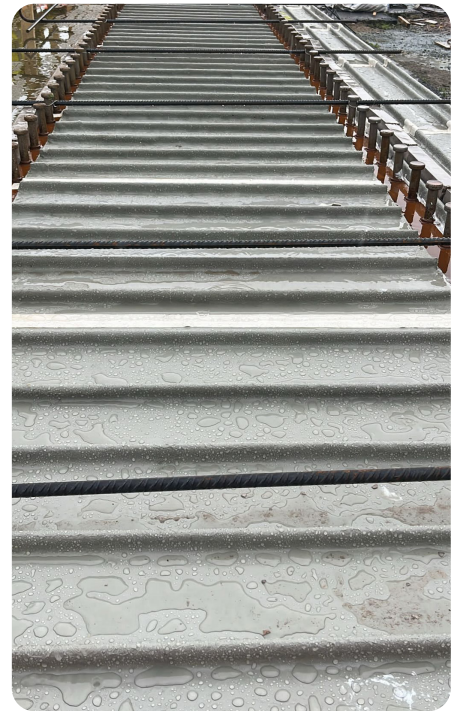
They provide a safe working platform, installed from above, streamlining construction and improving safety. Since they remain in place permanently, dismantling is unnecessary, saving valuable time.

After determining the required panel specifications to support the concrete deck, Mekina initiated its custom manufacturing process,

reducing waste and unnecessary resource use, while enhancing the project's sustainability by aligning with environmental responsibility.

We collaborated closely with Daracon Group ensuring both teams maintained a clear understanding of the project's requirements throughout.

If you've got a project you'd like to talk to use about, don't hesitate to get in touch by calling us on 01377 255055 or emailing your project details to us at [sales@mekinaindustries.com](mailto:sales@mekinaindustries.com).



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### Mark Johnson, Director of Operations at Mekina Industries said:

“I am incredibly proud of the success our products achieved on the Owens Road Bridge project with Daracon Group. This project showcased the versatility and efficiency of our GRP Mek-Dek Formwork and Cantilever panels, enhancing both safety and durability.

Our team worked closely with Daracon, addressing challenges on-site and providing customised solutions. The lightweight, modular GRP panels reduced labour, transportation costs, and saved construction time. Manufacturing to order minimised waste, contributing to sustainability. We're proud to have delivered a solution that exceeded expectations and improved accessibility for the Martinsville community.”

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