

Manor Farm Overbridge, Somerset, UK

**BEAVER
BRIDGES**



EXPERIENCE THE MEKINA EDGE



INDUSTRY'S GREENEST
GRP FORMWORK



CONSISTENT, REPEATABLE
PERFORMANCE



COMPREHENSIVE TECHNICAL
ASSURANCE

Project Details:

LOCATION:	SOMERSET, UK
YEAR:	2024
CLIENT:	THE NEWT IN SOMERSET
PRODUCT:	MEK-DEK STANDARD 50/150 AND 60/150 GRP PERMANENT FORMWORK PANELS

PROJECT

New Manor Farm Overbridge featuring Mek-Dek GRP Permanent Formwork

As part of the Manor Farm Overbridge project, Beaver Bridges required a durable and aesthetically pleasing decking solution that could serve a dual purpose: forming both the main deck and the vertical deck edges of the bridge.

This overbridge was classed as an architectural structure for a private client, meaning that durability was just as important as a high-quality visual finish. While steel was initially considered for the decking system, concerns over corrosion and long-term maintenance led Beaver Bridges

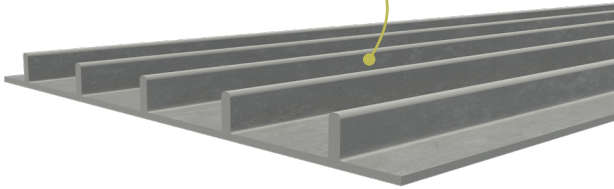
to seek an alternative solution.

After careful evaluation, Mekina was selected as the preferred supplier due to its reputation for delivering robust, corrosion-resistant, and visually appealing products that could meet the demanding requirements of the project.

Mekina supplied a tailored range of Mek-Dek 50/150 and 60/150 panels, designed with varying panel heights and rib centres to precisely match the design parameters of the bridge deck and its supporting structure.

PRODUCT

MEK-DEK STANDARD 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.

Mek-Dek Standard GRP panels were chosen not only for their competitive price and durability but also for their ability to provide a clean, crisp edge definition on the vertical deck edges, which was a critical aesthetic feature for the architectural overbridge.

Compared to steel, Mek-Dek panels offered superior corrosion resistance, significantly reducing future maintenance needs and extending the lifespan of the structure.

The completed bridge has a

sophisticated finish supported by a highly durable and reliable soffit solution.

Our collaborative approach enabled efficient problem-solving and helped deliver a solution that aligned with both technical specifications and project timelines.

If you've got a project you'd like to talk to us about, don't hesitate to get in touch. Call us on 01377 255055 or email your project details to sales@mekinaindustries.com



“

Mark Johnson, Director of Operations at Mekina Industries said:

“We were incredibly pleased to be selected to supply our bespoke GRP permanent formwork panels for this project - not only for the horizontal formwork, but also for the vertical deck edge and diaphragms, showcasing the versatility and quality of our solutions.”

”

