



CASE STUDY

Rombus Fusion V2 | Newman, WA | 4,500m²

A leading steel culvert and stormwater pipe manufacturer required a durable hardstand surface for its Newman facility capable of handling continuous heavy vehicle traffic and extreme loading conditions.

Operating in a remote location where concrete costs exceed \$850/m³, the client needed a solution that could be installed quickly, reduce project costs, and minimise disruption to ongoing operations.

SOLUTION

Rombus Industries installed **4,500m²** of Rombus Fusion V2 across the facility using existing in-situ soils trimmed to level, with no imported fill required.

The modular pavement system was installed by a 7-person crew in just **9 days**, including a peak pour of 1,250m² in a single day.



FLEXIBLE CONCRETE PAVEMENT | BUILT TO HANDLE HEAVY MACHINERY | MADE IN AUSTRALIA

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OUTCOME

The Rombus Fusion V2 installation delivered significant benefits across cost, construction time, sustainability, and operational efficiency.

Cost Savings: ~\$350,000

Client-verified savings compared to a conventional concrete alternative.

Carbon Emissions Avoided:

>140,000kg CO₂

Reduced concrete consumption significantly lowered embodied carbon.

Recycled Plastic Used: ~21,400kg

Manufactured using 100% recycled Australian polypropylene.

Concrete Reduction: 468m³

Only 207m³ of concrete required compared to 675m³ for a traditional 150mm slab.

PROJECT HIGHLIGHTS

- ✓ No imported fill required
- ✓ No expansion joints required
- ✓ No perimeter edging required
- ✓ Supports road trains & 16T forklifts
- ✓ Installed in just 9 days



FASTER INSTALLATION | REDUCED DOWNTIME | MINIMAL EARTHWORKS