

Case Study: Canterbury School Safety Upgrade

Location: School, Canterbury, NZ **Product:** FRP Micro Mesh Grating & Stair Nosing **Industry:** Education

A Canterbury school was facing safety and maintenance challenges due to aging timber decking and steps that became slippery in wet weather and were prone to rot. To resolve this issue, the school upgraded access areas with FRP micro-mesh grating and stair nosing, delivering a non-slip, low-maintenance solution ideal for high-traffic environments. The installation significantly improved safety and reduced ongoing upkeep, providing a long-term, cost-effective improvement to the school's walkways and stair access.

Project Challenges

- A Canterbury school faced safety risks due to aging timber decking and steps around classroom access areas.
- Surfaces became hazardous in wet weather, increasing the risk of slips for students and staff.
- The timber was vulnerable to rot and moisture damage.
- Ongoing maintenance and repair costs were high.

Our Solution

- Supplied and installed FRP micro mesh grating with a 7 mm aperture — safe for barefoot use and excellent for slip resistance.
- Added stair nosing to improve step-edge visibility and further enhance safety.
- FRP products offer long-term corrosion resistance, durability, and low maintenance, ideal for school environments.

Outcome

- Access areas became safe, durable, and visually appealing walkways and stairs for students and staff.
- The upgrade provided a reliable, long-term solution that enhanced safety and reduced maintenance costs.
- Demonstrated the effectiveness of FRP solutions in educational settings for enhancing both safety and resilience.

See photos of the completed solution on the next page.

Where Safety Meets Durability



Project Summary

Location	Canterbury, New Zealand
Industry	Education
Facility Type	School Classroom Accessway
Product Supplied	FRP Micro Mesh Grating & Stair Nosing
Aperture Size	7 mm
Key Properties	Non-slip, durable, low maintenance
Scope	Supply and install coordination

Looking to upgrade accessways at your facility? We can assist with product selection, specifications, and compliance support.