

Urban Space Renewal

Our client undertook an urban renewal project that would create a multi-faceted space, thus transforming the landscape of the location. One of the structures that had to be rejuvenated was a pavilion that would be used to bring vibrancy to the area by making the arts easily accessible to the public.

As part of the structure, a ramp was incorporated into the architectural design. This ramp would be used to provide different elevation levels, allowing unobstructed views and providing multiple opportunities for viewers and performers to engage. Treadwell's FRP GratEX® products were specified to be the material of choice for this ramp.

Project Challenges

- Delivery, assembly and installation had to be completed within a specific timeframe.
- Product had specific aesthetic requisites and Treadwell was able to achieve colour match requirements.
- Product had to be maintenance-free as it was a public space that afforded minimal downtime.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Urban Space Renewal
Treadwell Products:	ACCESS SYSTEMS GratEX® FRP Mini Mesh Grating™

Treadwell Solution:



1

As part of the Treadwell ACCESS SYSTEMS range, high performance GratEX® FRP Mini Mesh grating was specified as a preferred solution over traditional materials.

2

The GratEX® FRP Mini Mesh grating was customized to meet the aesthetic and practical requirements of the structure.

3

FRP is simply fabricated and modified on site. This means there is no need for any hot works permit.

4

Being lightweight and easy to install, FRP is very manageable during construction.

5

Given the nature of FRP, any system utilizing it is virtually maintenance free, keeping maintenance costs to a minimum.

OFFICES



ABOUT TREADWELL

At Treadwell Group, our core business divisions have been developed utilising the latest fibreglass reinforced plastic (FRP) technology. With constant innovation and evolution of our offerings, we grow in competence with each experience in delivering unparalleled solutions to a diversified index of industries which include the water and wastewater, mining, oil and gas, public infrastructure, marine sectors. The progression of our products has been focused on ensuring extended design life in varied applications, enabling us to support our continuing commitment to satisfy and add value to our client's endeavours.

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