

Project Report

Case Study: New World Ravenswood

Foodstuffs' newly built "New World Ravenswood" showcases how you can create safe and hygienic environments for your clients and their customers by using ACO products across commercial and industrial buildings.

Project at a glance

Client: Foodstuffs South Island

Project: New World Ravenswood

ACO products used:

- Hygienic 316 stainless steel box channel
- Hygienic floor waste gullies 218 & 157
- T66 Polymer Concrete Cable Pits
- Rhinocast® Access Cover
- KlassikDrain KS100 with stainless longitudinal grates
- PowerDrain S100K with ductile iron grates

New World Ravenswood, part of the proudly New Zealand owned company Foodstuffs South Island, was built in 2021 for an expanding residential area in the North Canterbury region.

Foodstuffs South Island is the leading grocery retailer for the entire New Zealand South Island. Their mission is to supply communities and families with fresh and affordable food with sustainability and the well-being of local communities anchored in their core values.

Hygiene is of utmost importance for a supermarket, as large quantities of food are processed every day contamination would have enormous consequences for the health of customers and the reputation of the company.



In the adjacent outdoor areas such as the entrance, car park and loading dock, for example, insufficient drainage leading to slipping hazards and other accidents is a risk factor for the safety of customers, staff, visitors and their vehicles.

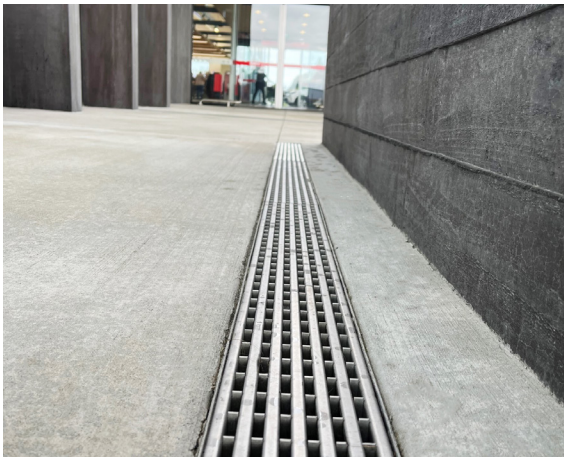
The challenge was to tackle these two areas of concern and to create a combined solution that suits the project needs and the asset owners at the same time.

Serving Foodstuffs values, we worked with them to ensure the well-being of their customers from a drainage perspective. They chose ACO due to our wide and high quality product range and suitable pricing. Also, working with one company for multiple solutions accelerates efficiencies in supply-chain and creates a continuity of risk mitigation across the whole project.

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PowerDrain S100K

Starting at the car park entrance and the loading dock area, you will spot our ACO PowerDrain S100K enduring cars and heavy trucks passing over it. The ductile iron, fully boltless locking grates are equipped with Anti-Shunt lugs that prevent longitudinal displacement. Certified up to Load Class G, this system is ideal for areas that are frequently trafficked and require dynamic loads.



KlassikDrain KS100

At the public space near the entrance you will find our ACO KlassikDrain KS100 with stainless steel longitudinal grates which are Heelsafe Anti-Slip, wheelchair, walking cane and bicycle safe. Made of stainless steel, the grates match the modern look of the new supermarket and give a taste of New World's hygiene standards.

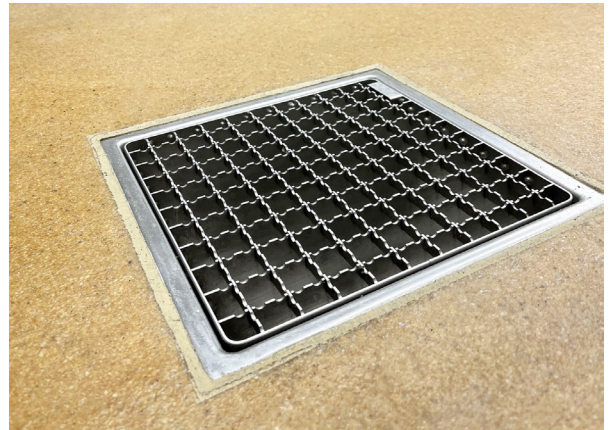
Hygienic Box Channel

Inside the supermarket, in the kitchen, butchery and chiller rooms, hygienic gullies and custom-made, fully sloped, 316 grade stainless steel box channels were installed. In these areas in particular, a hygienic design is essential to minimise the risk of bacterial growth. In addition, the CIP (Clean in Place) properties make the products quick and easy to clean, which is ideal for the fast-paced environment of a Foodstuffs supermarket.



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Hygienic Gully 157



T66 Cable Pits with Rhinocast Access Covers

Foodstuffs also required a discreet, yet well-designed access solution for the underground electrical and communication system. Polymer Concrete cable pits were used along with Rhinocast Covers that can be filled with tiles matching the surrounding floor for minimal disruption. The cable pits inside the building have custom stainless decorative edges that blend in with the overall stainless design. The exterior cable pits are completed with hard wearing ductile iron edges for high durability.



Conclusion

From a drainage perspective, this leaves a fully equipped new supermarket that does not raise or leave any concerns about hygiene or surface water management. While obtaining a visually attractive design, the solution suits the project requirements and the asset owner's. This completely unified outcome was due to the amazing support from Foodstuffs, the Specifiers and Contractors in this important South Island project.



NEW WORLD