

EcoPanel

Linear permeable paver

Typical Applications

- Parks
- Playgrounds
- Public Domains
- Shopping Centres
- Pedestrian Malls
- Carparks
- Cycleways

Load rated
to AS 3996
Class C

Slip rated to
P5, AS 4586

UV stable resin
bonded aggregate

KlassikDrain K200
Polycrete® Channel



EcoPanel linear permeable paver

EcoPanel is a stormwater trench drain cover constructed from permeable UV stable resin-bonded aggregate in a galvanised steel frame.

The unique combination of a durable load bearing surface enclosed in an engineered frame allows for water infiltration.

A removable access unit is available to facilitate easy maintenance.

EcoPanel permeable paver covers are installed into ACO's KlassikDrain K200 (200mm width) Polycrete® Channels.

KlassikDrain is a general purpose modular trench drain. The interconnecting units are manufactured complete with integrally cast galvanised steel edge rails.

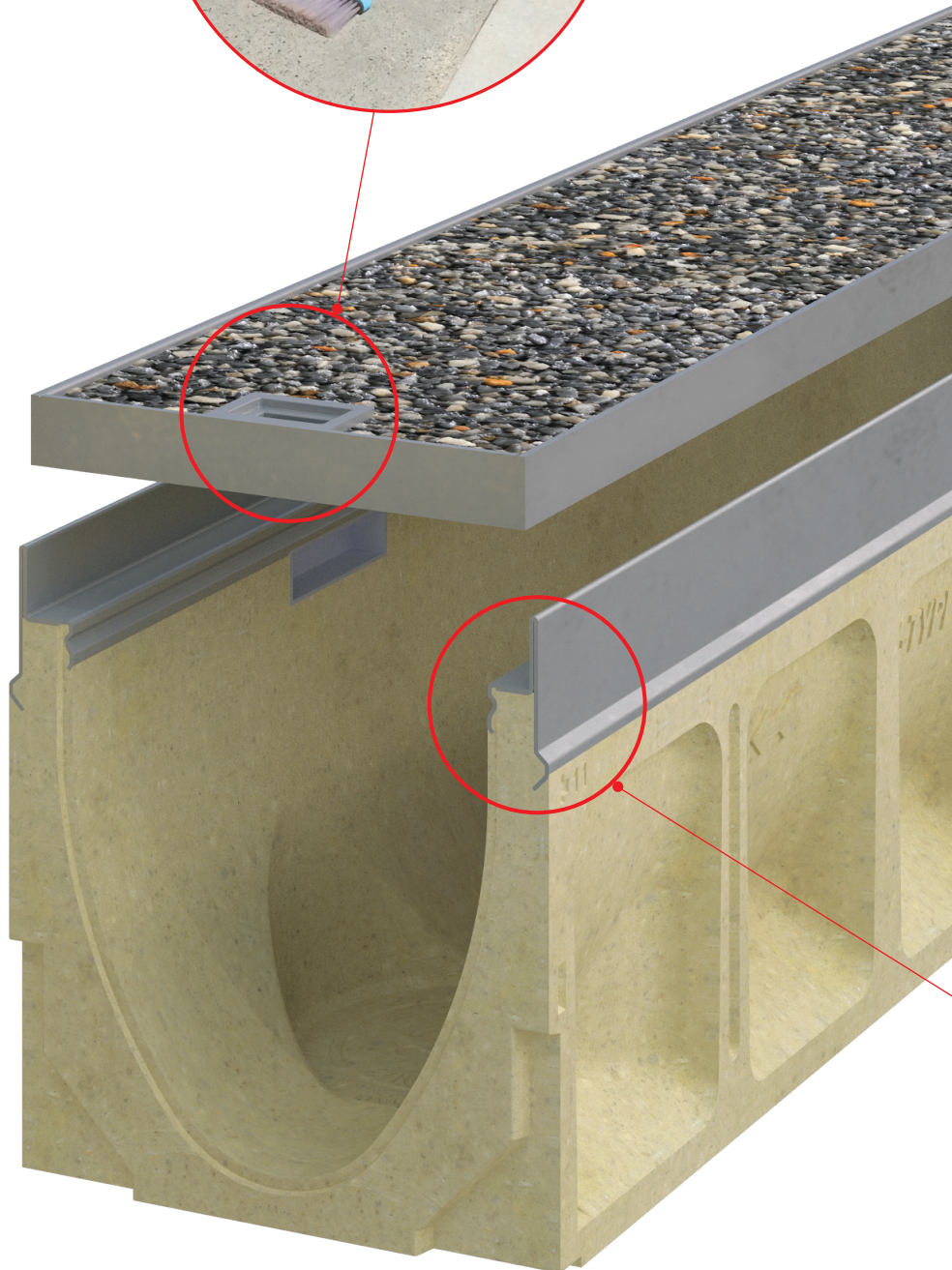
The metre long channels can be assembled as neutral or sloped runs. The 0.5% internal slope provides 40 metres of continuous fall. This equates to 5mm of fall per metre.

EcoPanel is a unique and decorative drainage solution that can be used as a design element to create distinctive urban landscapes. Suitable applications include parks, playgrounds and pedestrian malls.

Removable access panel with lifting key hole

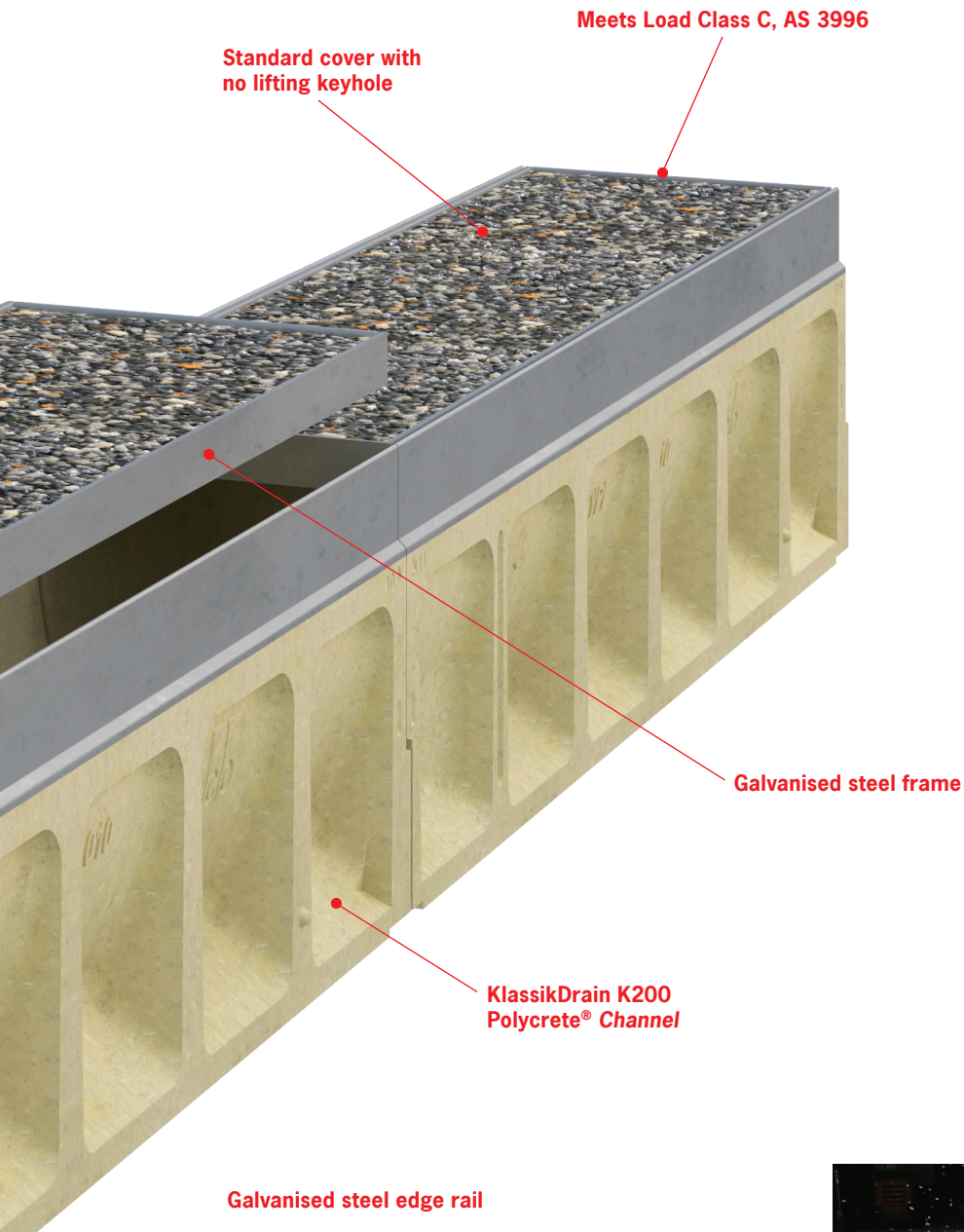


Lifting Key
Part No. 84306



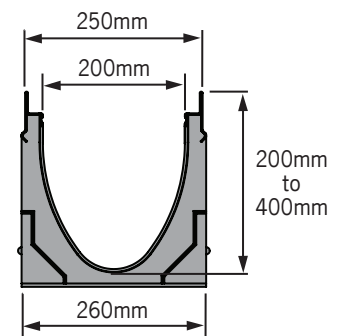
Slip rated to AS 4586: P5



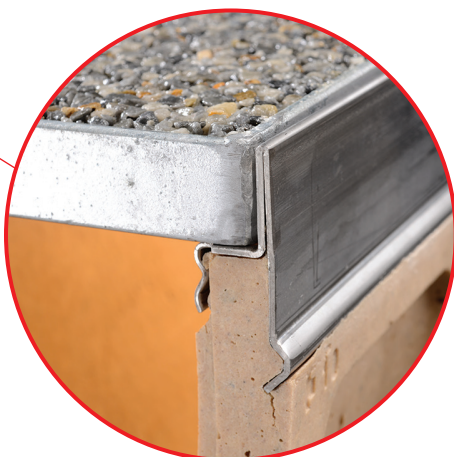


Features

- Foot-friendly linear drainage system
- EcoPanel UV stable resin-bonded aggregate is available in eight colours
- The EcoPanel cover prevents litter and reduces sediment from entering and clogging the stormwater system
- Steel edge rail provides stability for the EcoPanel cover and a restraining edge for adjacent pavement or slab
- Meets load class C (up to approx. 5 tonne wheel load) AS 3996. Suitable for pedestrian areas with slow moving commercial vehicles
- Slip resistance rated to AS 4586: P5
- Hydraulically tested by the UNSW Water Research Laboratory

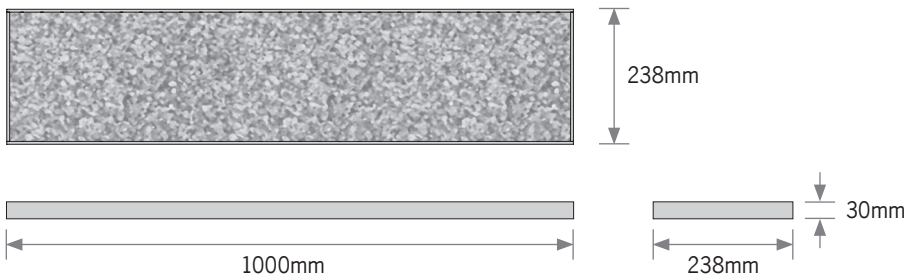


KlassikDrain K200
cross-section



EcoPanel has been
hydraulically tested

Typical Detail



Product Table

EcoPanel Colour		Part Numbers	
	Black Granite	Standard Unit	142742
		Access Panel	142743
	Blue Marble	Standard Unit	142744
		Access Panel	142745
	Silver Marble	Standard Unit	142746
		Access Panel	142747
	Starlight Granite	Standard Unit	142748
		Access Panel	142749
	Sand Marble	Standard Unit	142750
		Access Panel	142751
	Gold Marble	Standard Unit	142752
		Access Panel	142753
	Grey Marble	Standard Unit	142754
		Access Panel	142755
	Red Granite	Standard Unit	142756
		Access Panel	142757

Specification Clause

The cover shall be ACO EcoPanel with **(enter colour and Part No.)** permeable UV stable resin bonded aggregate in a galvanised steel frame as manufactured by ACO. This cover has an overall width of 238mm and overall length of 1000mm to fit in the KlassikDrain K200 Polycrete® Channels.

Materials & Design

EcoPanel shall be manufactured from galvanised steel infilled with permeable UV stable resin bonded aggregate and have minimum properties and characteristics as follows:

- Frame manufactured from galvanised steel
- Certified to AS 3996 Load Class C (5 tonne wheel load)¹
- Certified to AS 4586: P5 – Slip resistance classification for Wet Pendulum Test¹
- Meets AS 1428.2 (Clause 9c); AS 3996 (Clause 3.3.5 & 3.3.6); ASME A112.6.3 (Section 7.12)

¹ NATA endorsed test reports are available

For the specification of the KlassikDrain K200 system, visit: <http://www.acodrain.co.nz>

Notes

1. EcoPanel is used with KlassikDrain K200 Polycrete® Channels only.
2. Approx. weight of EcoPanel is 23kg.
3. Lifting key for access panel, Part No. 84306.

ACO Limited
www.aconz.co.nz

Sales Hotline
Phone: 0800 448 080
Fax: +64 (0)9 255 5114
Email: info@aconz.co.nz

Head Office
Unit F, 6 Percival Gull Place
Mangere, Auckland 2022
New Zealand



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