Q-crete
Queensland Concrete

AUSTRALIAN MADE AND OWNED

Permeable Concrete
PermCon™

A trafficable 25 MPa continuous pour permeable concrete solution that manages stormwater runoff, mitigates flooding, recharges groundwater, and helps minimise urban heat islands as part of a passive system that allows rainfall to pass through the wearing surface into a designed drainage, treatment or infiltration profile.

Key project benefits

62% embodied carbon reduction in cementitious materials
ISO 14067:2018 assessed[1]

80% total suspended solids removed
Aligns with SEQ TSS objective

70% hydrocarbon removal
Roads + car parks

25MPa trafficable permeable surface - 12 tonnes per axel[2]
Trafficable applications

Up to 40% cost savings
Potential project savings compared with permeable paving systems

Up to 70% faster installation
Compared to segmental permeable paving systems

[1] Independent assessments: Bureau Veritas + Toitü Envirocare | ISO 14067:2018
[2] Based on 200mm slab thickness

Why choose PermCon™?

	**Maximise usable land**	Reduce reliance on traditional drainage and retention structures by integrating water management into the pavement itself.
	**Support sustainable design outcomes**	Contribute to greener, more resilient developments while supporting healthy urban environments.
	**Manage stormwater at the source**	Reduce stormwater runoff and peak flows while supporting natural groundwater recharge.
	**Improve water quality**	Help filter pollutants before they enter rivers, streams and waterways.

Visit **qcrete.com.au/permcon** for more information or to request a quote

PermCon™ applications



Residential applications
Driveways, patios and garden paths.



Car parks & hardstands
Commercial car parks, trailer parks and caravan parks.



Footpaths & cycleways
Pedestrian and active transport infrastructure.



Tree protection & urban greening
Tree Protection Zones, landscape projects and sensitive root environments.



Recreation & sporting facilities
Tennis courts, basketball courts and artificial turf foundations.

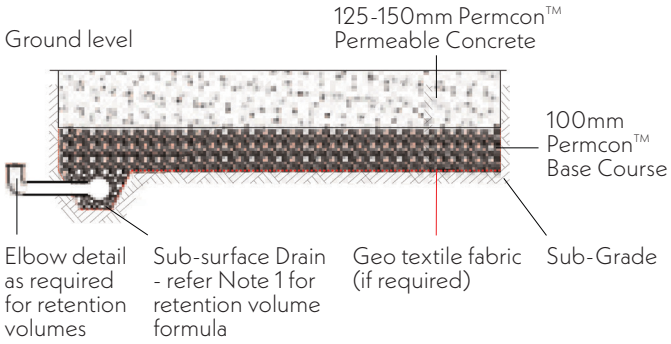


Stormwater & water storage solutions
Extended water storage applications and projects where integrated stormwater management is a key driver.

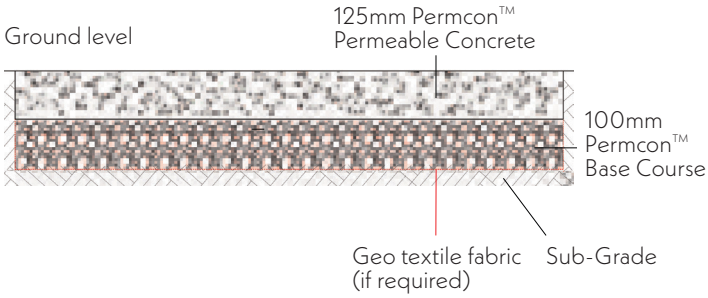
Typical PermCon™ system designs

Typical pavement configurations for footpath, driveway and car park applications. System design can be tailored to suit project requirements, site conditions and stormwater management objectives.

Driveway/carpark
(Typical design)



Footpath
(Typical design)



A complete permeable concrete solution

PermCon™, delivered in partnership with Australian Permeable Concrete (APC), provides a fully managed Supply & Install solution for commercial and residential projects across Australia.

- ✓ Dedicated national team delivering projects throughout Australia
- ✓ Accredited to:
  - **ISO 9001** - Quality Management
  - **ISO 14001** - Environmental Management
  - **ISO 45001** - Health & Safety Management
- ✓ More than 85,000m² of permeable pavement installed
- ✓ 90+ personnel across Australia and New Zealand
- ✓ Installation capability exceeding 500m² per day
- ✓ Proven project delivery experience across Australia
- ✓ Combining stormwater management, urban cooling and trafficable infrastructure within a single pavement system, PermCon™ helps deliver practical, sustainable outcomes while maximising usable land.

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