CONCRITE™

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 + Toitū 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 concrite.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.

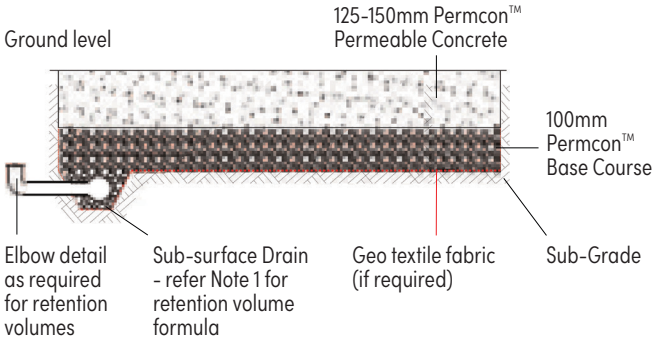


**Stormwater & water storage solutions**
Extended water storage applications and projects where integrated stormwater management is a key driver.

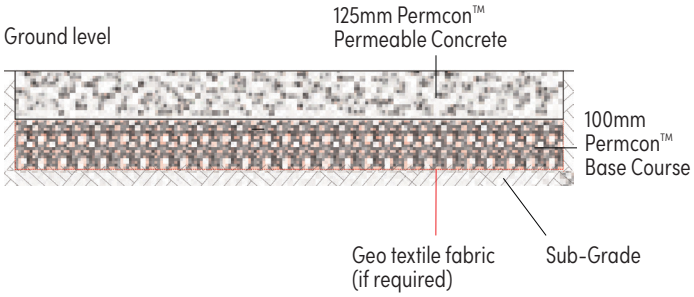
## Typical PermCon™ system designs

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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