

**WAIDE
CONCRETE
PRODUCTS**

ENGINEERED SELF-SUPPORTING RETAINING WALL SYSTEM

**ENGINEERED STRENGTH.
EASY INSTALLATION.**



WADE L-BLOCK

ENGINEERED SELF-SUPPORTING RETAINING WALL

A strong, straightforward precast retaining wall system for civil, commercial, rural and residential projects.

Manufactured from reinforced precast concrete, the Wade L-Block provides a fast and practical way to retain soil, manage changes in ground level and create usable space.



WHAT IS THE WADE L-BLOCK?

The Wade L-Block is an engineered precast concrete retaining wall unit.

Its L-shaped design combines a vertical retaining face with a horizontal foot, providing a stable, self-supporting wall system when installed on a correctly prepared base.

Because the units arrive on site at full concrete strength, they can be installed and backfilled without waiting for concrete to cure.

Face: The vertical section that retains the soil.



Foot: The horizontal base that supports the unit and helps resist sliding and overturning.



APPLICATIONS

The Wade L-Block is suitable for:

- Retaining walls
- Civil and infrastructure projects
- Commercial and industrial developments
- Rural properties
- Building platforms
- Yards and accessways
- Changes in ground level
- Material storage areas



KEY FEATURES



Durable 40 MPa
vibrated concrete



Fast installation on a
prepared foundation



Engineered for
structural strength



Can be backfilled
immediately after install



Smooth precast
concrete finish



Standard and custom
sizes available



PRODUCT OPTIONS

The Wade L-Block system can be configured to suit different wall layouts.

**Standard
L-Blocks**

**Stepped
blocks**

**Fixed 90°
corners**

**Corner
joining units**

**Tapered
blocks**

**Custom
units**



WHY CHOOSE THE WADE L-BLOCK?



Engineered for the Job

Engineered to provide the strength and stability required for demanding retaining projects.



Faster Site Progress

The units arrive precast and at full strength, reducing on-site formwork, concrete pouring and curing time.



Strong, Reinforced Construction

Manufactured using durable 40 MPa vibrated concrete and reinforced to engineering requirements.



Modular System

Standard units can be combined with corners, stepped sections and tapered units to suit different wall layouts.



Built for Long-Term Use

A durable concrete solution for walls that need to remain dependable with minimal ongoing maintenance.



Ready for Mechanical Installation

Cast-in lifting anchors allow the units to be positioned using suitable certified lifting equipment.

TECHNICAL SPECIFICATIONS

Specification	Details
Concrete strength	40 MPa
Construction	Reinforced precast concrete
Connections	Optional 10 mm galvanised brackets for locking adjoining walls together
Lifting	Cast-in lifting points

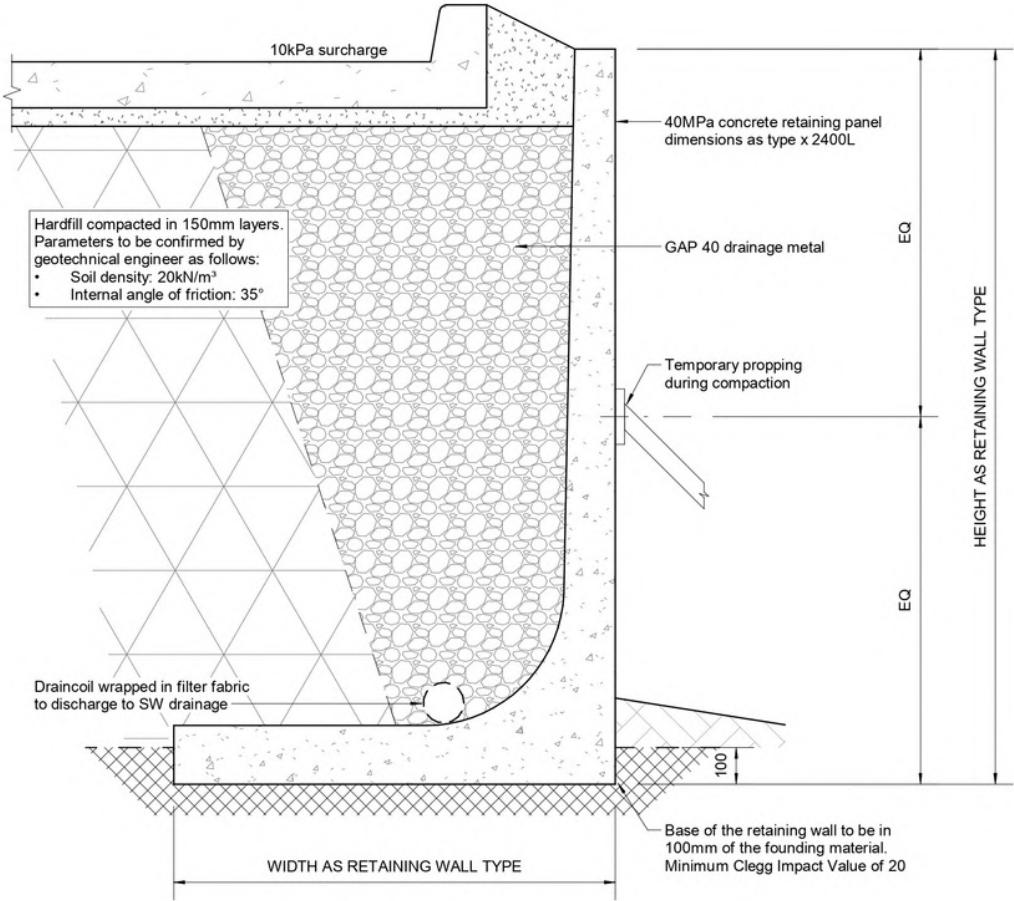
Standard Sizes		
Height	Length	Weight
1.2 m	2.4 m	1,710 kg
1.6 m	2.4 m	2,240 kg
2.0 m	2.4 m	2,610 kg
2.4 m	2.4 m	3,100 kg

Custom Options
Wade L-Blocks can also be manufactured in custom heights and angles to suit specific project requirements. A range of finishes is available, including smooth, broom-finished, rock-textured and timber-look surfaces, with other custom finishes available on request.

Dimensions, reinforcement and unit weights vary according to the wall height and engineering design. Product availability should be confirmed with Wade Concrete before finalising the project specification.

ENGINEERED FOR CONFIDENCE

The Wade L-Block is designed and manufactured in accordance with an engineered design. A PS1 design producer statement is available to support consenting and project documentation requirements.



DETAILED INSTALLATION PROCESS

1. Site Assessment

Survey the site and confirm:

- Wall location and finished levels
- Retained height
- Ground and soil conditions
- Groundwater and drainage conditions
- Nearby buildings and structures
- Vehicle, stockpile and other surcharge loads
- Access for delivery and lifting equipment

2. Engineering and Wall Layout

The wall, foundation, drainage and backfill requirements should be designed for the specific site.

The layout should identify the required block sizes, corners, steps, transitions and connection details.

3. Site Preparation

Set out the wall location and excavate the foundation area to the required line and level.

4. Foundation Construction

Prepare, compact and level the foundation in accordance with the engineering design. The finished base must provide uniform support beneath each unit.

5. Block Placement

Lift each unit using certified lifting equipment and the designated lifting points.

Position the blocks to the required alignment, level and spacing.

Installation must follow the project-specific engineering design and approved installation requirements.

6. Connections and Joints

Connect adjoining units using the specified bolts, brackets and jointing system.

Seal joints where required to prevent the loss of soil or drainage material through the wall.

7. Drainage Installation

Install the specified drainage system behind the wall, including drain coil, drainage aggregate, filter fabric and suitable discharge points where required.

8. Backfilling

Place and compact approved backfill material in controlled layers, following the engineering requirements.

9. Final Inspection

Check the wall alignment, connections, drainage outlets, backfill and surrounding levels before completing the project.

Proper drainage is critical. Water must be collected and directed away from the retaining wall to prevent hydrostatic pressure building behind the units.





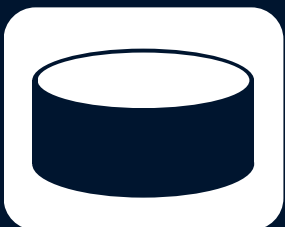
**BUILT IN NORTHLAND
BUILT FOR NEW ZEALAND**



ABOUT WADE CONCRETE

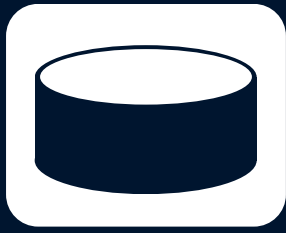
Wade Concrete has been part of Dargaville since the 1970s. For decades, the business has made the concrete products people across Northland rely on every day, from water tanks and troughs to septic tanks and retaining walls.

Wade makes strong concrete products, gives honest advice and helps customers find a solution that suits the job.



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YOUR NEXT PROJECT**

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