



MURRAY RIVER LIMESTONE

PREMIUM RECONSTITUTED LIMESTONE BLOCKS

BUILT FOR
LANDSCAPING,
BUILDING & CIVIL
PROJECTS

DESIGNED FOR A VARIETY OF USES AND APPLICATIONS



**Retaining
walls**



**Structural
building**



**Garden & landscaping
features**



Paving & capping



**Pavers & finishing
pieces**

ABOUT US

Murray River Limestone supplies durable, high-quality reconstituted limestone blocks in a range of sizes to suit residential, commercial, and civil projects. From retaining walls to structural applications to stunning landscaped gardens, our blocks deliver strength, reliability, and an earthy natural finish.

We know the importance of reliable supply, quality products and straightforward service. We're focused on supplying blocks that not only perform well, but look the part too.

Get in touch



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MEMBER PRICING!**

PRODUCT RANGE & TECHNICAL GUIDE

Premium reconstituted limestone blocks for landscaping, building and civil applications.



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murrayriverlimestone.com

THE MATERIAL

Built for Australian projects

Murray River Limestone supplies durable, high-quality reconstituted limestone blocks for residential, commercial and civil projects. The range combines large-format blockwork with a natural limestone finish and practical sizing for construction and landscaping.

Built to Perform

A robust large-format block range suited to retaining walls, structural landscaping, garden features and general construction.

Natural Limestone Finish

Warm limestone colour and texture provides a clean architectural finish across residential and commercial settings.

Project Flexibility

Multiple sizes support heavy retaining, standard retaining, finishing pieces and hollow-core building applications.

Reliable Supply

Manufactured in South Australia with direct site delivery and bulk project supply available.

Engineered Guidance

Typical retaining wall details have been prepared in accordance with AS 4678 for nominated design parameters, subject to site-specific engineering review.

Trade Support

Tailored pricing and project quantities are available for landscape, commercial and civil customers.

DESIGNED FOR A VARIETY OF USES

Retaining walls • Structural building • Garden and landscaping features • Wall capping and steps
• Pavers and finishing pieces • Commercial and civil works

RETAINING BLOCKS

The Mass & Retaining Range

Large-format limestone blocks designed for retaining, terracing, landscape structures and civil applications.

Heavy Duty Block



Dimensions: 1000 x 500 x 350 mm

Description: Our strongest limestone block, intended for larger retaining and commercial projects requiring maximum stability and load-bearing mass.

Common uses: High retaining walls, structural landscaping, commercial and civil projects, bollards.

Standard Retaining Block



Dimensions: 1000 x 350 x 350 mm

Description: A dependable block for residential and light commercial retaining with straightforward handling.

Common uses: Retaining walls, secondary walls, terracing, landscaping, seating and stairs.

Half Block



Dimensions: 500 x 350 x 350 mm

Description: A flexible half block for tight spaces, corners, pillars and clean finishing details.

Common uses: Pillars, corners, staggered joints and detailed wall construction.

ENGINEERED RETAINING WALL OPTIONS

Typical Murray River Limestone retaining wall details include mass retaining, no-fines concrete reinforced and geogrid reinforced arrangements. Engineering drawings specify site and surcharge limits, drainage, backfill, foundation and mortar requirements.

SPECIALTY PRODUCTS

Finish the job with the right unit

Purpose-made blocks and finishing pieces expand the range beyond retaining walls into structural building, capping, steps and landscape finishes.

Paver / Capping



Dimensions: 500 x 110 x 350 mm

Description: A versatile finishing piece for clean wall tops, polished edges and durable natural limestone pathways.

Common uses: Wall capping, steps, garden paths and pool surrounds.

Hollow Core Building Block



Dimensions: 390 x 190 x 190 mm

Description: A cost-effective block offering strength, consistency and a clean finished surface for structural and general construction.

Common uses: Structural walls, garden walls, sheds, general building applications and curved walls.

Hollow Core Capping



Dimensions: 390 x 190 x 50 mm

Description: Capping designed to suit the hollow-core building block and provide a clean finished wall top.

Common uses: Hollow-core wall finishing and capping.

PRODUCT AVAILABILITY

The Murray River Limestone product flyer identifies the Hollow Core Building Block and Hollow Core Capping as rendered products with availability noted for August. Confirm current production status, lead times and project quantities when ordering.

ENGINEERING

Typical Limestone Block Wall Guidance

The supplied engineering documentation provides typical retaining wall arrangements and construction notes for Murray River Limestone blockwork. These details are a guide only and require site-specific assessment by a professional engineer.

DESIGN BASIS FROM TYPICAL WALL DOCUMENTATION

Standard	AS 4678 - Earth Retaining Structures
Structure classification	B
Design life	60 years (wall design basis)
Surcharge cases	2.5 kPa and 5.0 kPa
Minimum block density	1800 kg/m³
Min. characteristic strength	5 MPa
Mortar joints	30 mm minimum full-bed M4 mortar, including vertical gaps
Foundation bearing	Minimum 100 kPa, subject to geotechnical confirmation

Drainage & Backfill

Drainage is required behind the base of retaining walls. The typical notes call for clean sand backfill, controlled compaction and connection of drainage to site stormwater or outlets at nominated spacing.

Site-Specific Assessment

Exposure classification, durability, founding material, groundwater, surcharge and wall geometry must be assessed for the actual site. The supplied designs are not a substitute for project engineering.

SELECTION GUIDE

Match the block to the job

Use the table as a practical product starting point. Final structural and retaining applications should be confirmed against project-specific design requirements.

Large retaining / civil mass wall	Heavy Duty Block
Residential or light commercial retaining	Standard Retaining Block
Corners, pillars and finishing runs	Half Block
Wall tops, steps and landscape finishes	Paver / Capping
Structural and general building walls	Hollow Core Building Block
Hollow-core wall top finish	Hollow Core Capping

Retaining & Terracing

Large-format units for garden walls, terraces, residential retaining and engineered retaining systems.

Building & Landscape

Blockwork for structural walls, garden features, seating, stairs, pillars and boundary features.

Commercial & Civil

Heavy-duty product options for commercial retaining, civil landscaping and robust site infrastructure.

INSTALLATION

Build the wall system, not just the block

The engineering notes treat retaining walls as complete systems: blockwork, foundation, drainage, backfill, compaction, mortar and reinforcement must work together.

Foundation

Remove loose or disturbed material and found on suitable natural ground. The documented typical details nominate a minimum 100 kPa bearing capacity and geotechnical confirmation.

Mortar

Typical retaining wall notes nominate 30 mm minimum full-bed M4 mortar joints, including vertical joints between blocks.

Drainage

Provide drainage behind the wall base, wrapped in geotextile and connected to site stormwater or suitable outlets.

Backfill & compaction

Use suitable clean backfill and control lift thickness, moisture and compaction. Heavy compaction equipment is restricted close to the wall in the typical notes.

Geogrid / reinforcement

Where nominated, geogrid length and course placement must follow the engineering design and manufacturer requirements.

Professional review

Typical drawings are guides only. Confirm wall geometry, soil, groundwater, surcharge and exposure for the actual site before construction.

MURRAY RIVER LIMESTONE

Australian limestone, project-ready support

A South Australian reconstituted limestone block range for landscaping, construction and civil projects, backed by direct site delivery, trade quoting and engineering guidance for typical retaining wall applications.

Material	Reconstituted limestone
Primary retaining sizes	1000 x 500 x 350; 1000 x 350 x 350; 500 x 350 x 350 mm
Building block	390 x 190 x 190 mm hollow-core
Finishing products	500 x 110 x 350 paver/capping; 390 x 190 x 50 hollow-core capping
Engineering minimum block density	1800 kg/m ³
Engineering minimum characteristic strength	10 N/mm ²
Typical retaining wall standard	AS 4678, with AS 3700 and AS/NZS 4455 referenced in construction notes

Talk to Murray River Limestone

Direct site delivery is available for residential, commercial and civil project sites across South Australia. For high-volume projects, contact the team for tailored pricing and bulk supply availability.

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