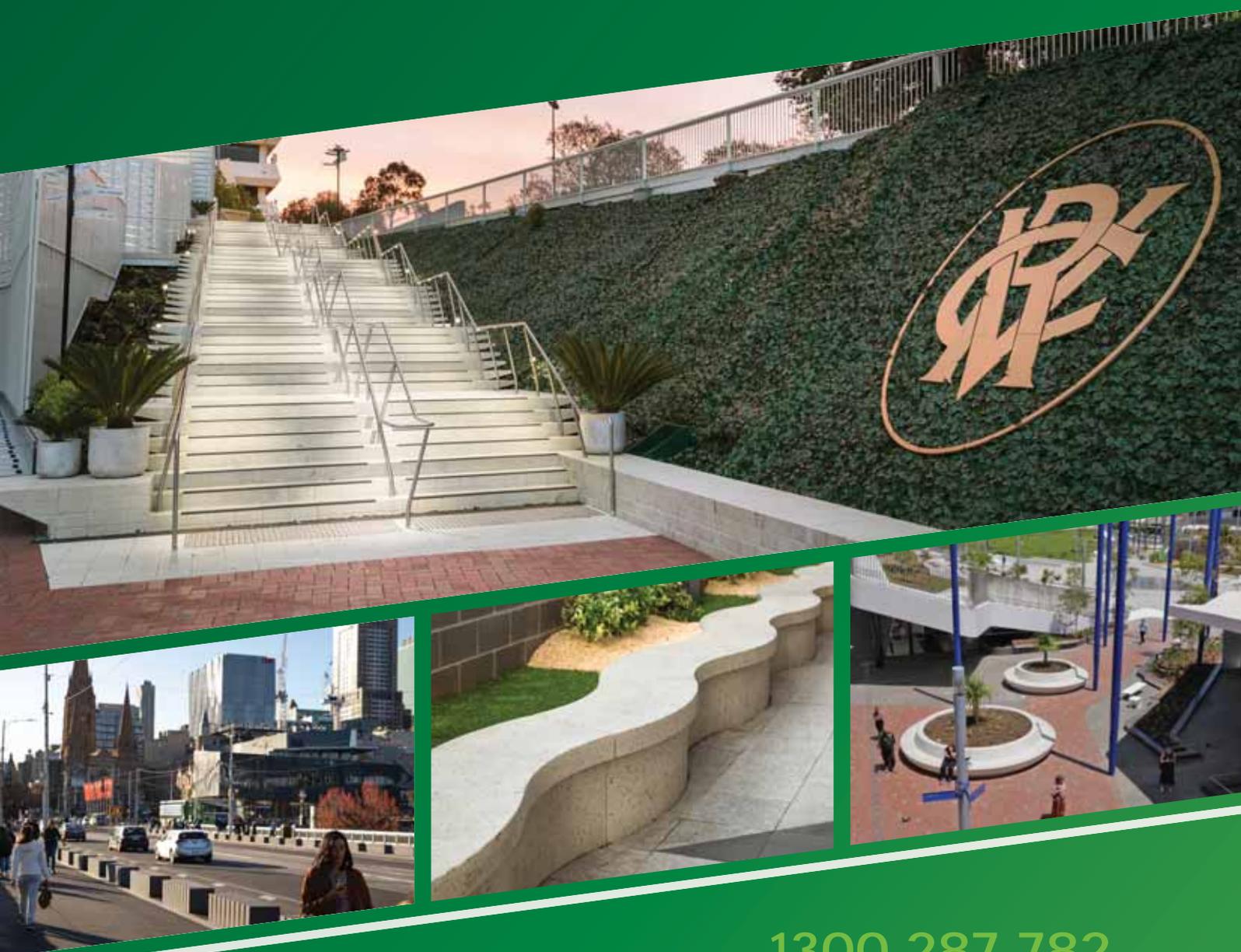




URBAN

PRODUCT CATALOGUE

SPECIALISED PRECAST CONCRETE SOLUTIONS FOR
URBAN DESIGN & LANDSCAPE ARCHITECTURE



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dimensions nominal. Standard terms and conditions apply.



COMPANY PROFILE

Specialised Vibrated Concrete Products (SVC Products) was founded in 1948, manufacturing precast concrete products to serve the local civil and industrial market. A department dedicated to Urban Design and Landscape Architecture was introduced in the early 2000s, in response to the construction industry's growing demand for concrete items of high aesthetic value.

SVC's Urban department utilises the technical knowledge amassed from over 70 years in fabrication. We specialise in custom manufacture and our expertise in translating design concepts from 2D imagery to 3D form allows us to deliver architectural concrete elements that fulfil their unique design requirements.

The full production cycle is managed in-house by SVC, beginning with shop drawings, engineering specifications and mould fabrication right through to putting the finishing touches on completed products. Throughout this process, we maintain close communication with our clients in order to provide an exceptional level of service along every step of the journey.

In addition to our bespoke fabrication offering, our catalogue of urban architectural products showcases a range of high quality precast concrete furniture, bollards, planters and other products to suit clients searching for readily available solutions.

SVC'S VISION

Our vision is to be world renowned for the manufacture of high quality, innovative precast concrete and accessory products for Civil & Infrastructure, and Urban Design & Landscape Architecture.

We will fulfil our customers' ideas and visions by delivering the best design, service and products. 'Easy to do business with' is our aim. We will achieve this by working closely with our network of customers and partners, who respect and trust SVC and share our vision.



SVC'S VALUES

QUALITY

We pride ourselves on the quality of our work. Our products are locally manufactured in Melbourne, and do not leave our factory unless they have passed a quality inspection and are in pristine condition.

AGILITY

We are committed to being flexible in our processes and operations, so that we can fully cater to our customers' needs. We are problem solvers and we accept all challenges with a positive approach.

PARTNERSHIP

We care about our clients, and value them as partners rather than transactions. Our focus is to build long-lasting, mutually beneficial relationships and to grow together with our clients.

EDUCATION

We promote a culture of learning by encouraging our employees to upskill, and to stay up to date with changes in technology and the industry. We believe that the industry will benefit from sharing collective knowledge.

INNOVATION

We recognise that businesses and industries change over the years, and we cannot nurture growth by remaining stagnant. Therefore, we pursue innovation across all areas of the business and are unafraid to adopt change.



SUSTAINABILITY & ENVIRONMENTAL COMMITMENT

SVC is committed to minimising the impact of our activities on the environment.

Our aim is to reduce wastage of resources and to incorporate the mindset of 'REUSE, REPURPOSE & RECYCLE' into our daily operations. We actively seek ethical sources for the raw materials and products that we use.

ETHICAL, LOCAL SOURCING

- All sand and stone materials used in our in-house batching facilities across two plants are sourced from local quarries.
- All paver mixes are composed of a minimum of 12% slag, a waste by-product of steel production.
- From September to May each year, all mixes for grey concrete products manufactured at our largest production facility are made with a blended cement which includes 20% slag and 10% fly ash (a waste by-product of coal combustion).

REUSE, REPURPOSE, RECYCLE

- Timber pallets used in product delivery are later salvaged for reuse.
- All leftover or waste concrete from our factories is sent to a local concrete screening plant to be crushed and recycled.
- Scrap metal and steel offcuts from production are sent to be recycled at a local steel manufacturing company.
- Our hand-blasting process involves the use of recycled glass. Our automated shot-blasting machine recycles the shot used in the process, allowing five times as much product to be blasted with the same amount of shot that would typically have been used if blasting by hand.
- Rather than dispose of the products we supply for trade shows and expos, we repurpose products for secondary use where possible, extending the products' lifespan.

RENEWABLE ENERGY

- Our main factory branch utilises power generated from solar panels.



Bespoke concrete security barriers double as street furniture along Princes Bridge in Melbourne. \ Client: City of Melbourne

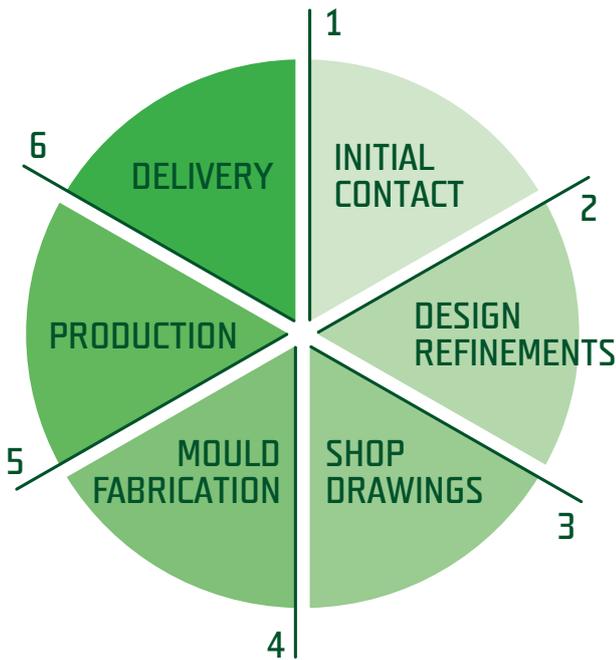


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OUR BESPOKE FABRICATION PROCESS

HOW IT WORKS



1. INITIAL CONTACT

The bespoke fabrication process begins when a client approaches SVC with a design idea involving a custom product.

The client will supply all available information such as site plans, design concepts and detail drawings.

Our Special Projects team then assesses these drawings to advise on product feasibility and the best way of achieving the design intent using precast concrete as the manufacturing medium.

4. MOULD FABRICATION

Following the approval of shop drawings, the next step is the mould fabrication process.

Moulds are available in a variety of materials and SVC will decide on the best type of mould to suit each product on a case-by-case basis.

The timeframe for mould fabrication is typically 4-8 weeks, depending on mould complexity and product volumes required.

5. PRODUCTION

The production process involves the casting and curing of concrete by SVC's experienced manufacturing team, all of which is conducted within a controlled factory environment.

Next is the surface treatment of products, such as shot-blasting, honing or polishing, that produces the final concrete finish.

All products undergo a quality control procedure before they are approved for despatch.



2. DESIGN REFINEMENTS

Once the product is deemed feasible for manufacture, the next step is to confirm specific design features such as product colour, shape, mix design and finished surface texture.

SVC can provide custom colour and mix design samples for a visual representation of the product finish.

Any additional material components such as timber or steel elements must be decided upon during this phase. Customers should also consider how the product will be transported and whether internal lifting points are required.

3. SHOP DRAWINGS

Upon the confirmation of an order, SVC's in-house drafting team will create production drawings of all products to be manufactured.

These drawings include full details regarding steel reinforcing, lifting points, fixing points, voids for lighting or electrical conduits and any other features or allowances.

Shop drawings are generally completed within 1-2 weeks, depending on product complexity.

Production commences after the client provides written approval of the shop drawings.

6. DELIVERY

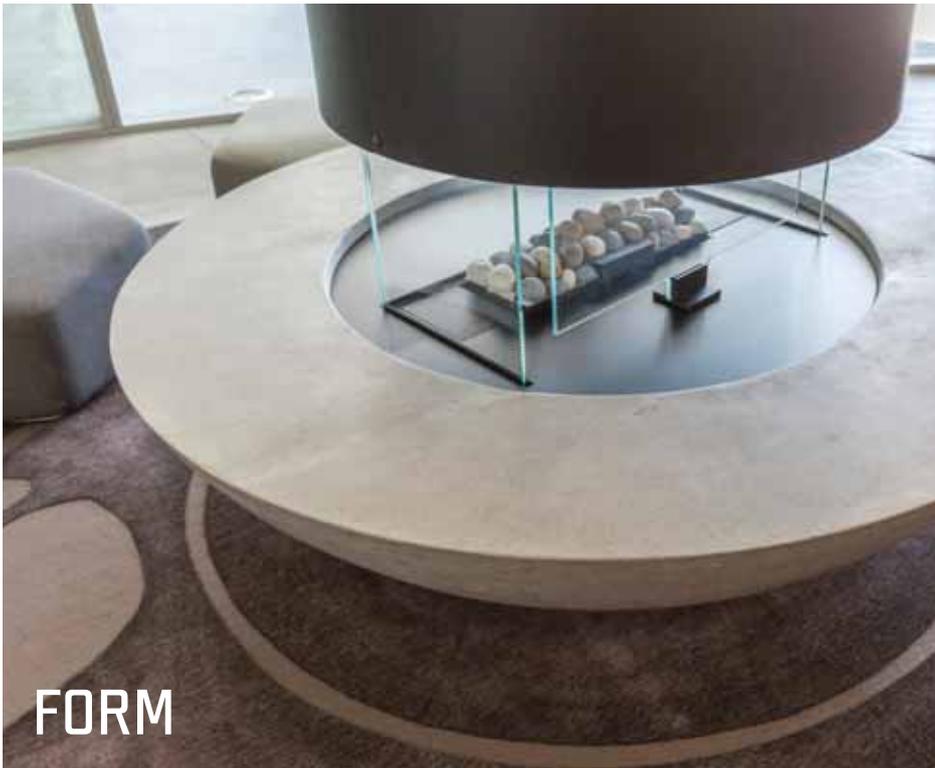
SVC employees take the utmost care when handling and transporting all products, making sure to use only the approved lifting tools and techniques.

SVC utilises experienced crane truck operators for product delivery. These operators can unload products to specific areas on-site, as long as sufficient access is available.

Clients may choose to utilise their own forms of transport. In these cases, SVC will assist with the secure loading of products onto transport vehicles.



CONCRETE DESIGN CONSIDERATIONS



FORM

Concrete has everlasting popularity as a construction and structural material, but its design and sculptural potential should also be held in high regard.

SVC's current mould-making technology allows a wide variety of shapes and forms to be created from precast.

Many of our previous projects have incorporated beautiful curvature and complex geometries within a precast concrete form. Please refer to our project gallery at <https://svc.com.au/projects/>.

Apart from the standard range of SVC colours and mix designs, a wide selection of aggregate materials and coloured oxides give designers an extensive colour palette to work with.

Non-traditional aggregate materials can be included in a concrete mix to create interesting visual effects.

Examples from previous projects include crushed red brick, coloured glass chips and glow-in-the-dark fragments, as seen in the image to the right.



COLOUR & MIX DESIGN



A number of available concrete finishing options enable customers to specify their desired surface texture. All SVC finishes are rated Class 1 as per AS3610.

Finish options include:
Off-mould, which is smooth to the touch;
Shot-blasted, which creates a rough, textured surface;
Honed, which feels smooth and visibly exposes the aggregate material;
Polished, a honed finish with an additive that makes the concrete shine;
Buffed, an off-mould finish with the polish additive.



TEXTURE



DETAILS

Design details such as stencilled imagery and imprinting of patterns, numbers or lettering can be added for further personalisation of concrete products.

For more information on available design techniques, please consult your SVC representative.

CONCRETE DESIGN CONSIDERATIONS

Concrete products are often paired with additional components made from timber or steel, creating a combination of different materials and textures.

SVC can supply material components such as steel armrests, slatted timber seat tops and back rests as part of our bespoke manufacturing process.

These components are usually attached to the concrete at the time of installation, after the concrete components have been lifted into place.



MATERIAL COMPONENTS



PRE-SEALING

Concrete products in the landscape are susceptible to staining from leaf or timber tannins, graffiti and general dirt buildup.

As a preventative measure, SVC offers **pre-sealing** of concrete products before they leave the factory.

The application of a penetrating sealant makes concrete products easier to clean while also adding an extra layer of resistance against stains and graffiti.



ANTI-SKATE

The appearance of a beautiful concrete product can be marred by unsightly scuff marks and damage to corners and edges caused by skateboarders. Unfortunately, this is a common occurrence on concrete products that have long, flat surfaces at or below seat level.

Anti-skate solutions such as steel blades or buttons provide an effective skateboarding deterrent. These can be supplied and installed by SVC.

Additional functions such as lighting, power and WiFi can be incorporated into landscaping elements, providing end users with street furniture that serves more than one purpose.

SVC has completed several projects requiring various types of cast-in features.

Our team can provide recommendations on how your concrete design can best accommodate conduits and junction boxes.



CAST-IN FEATURES

PROJECT FEATURE: THE LIVING SEAWALLS INITIATIVE \ Oct 2018

BESPOKE PRODUCTS



GREENING THE MANMADE SEASCAPE

As coastal areas become increasingly populated, large sections of the natural coastline are replaced with seawalls and other manmade structures. These structures provide protective measures against flooding and coastal erosion, but essentially take away the natural geological habitats of the many marine organisms living within the intertidal zone.

The **Living Seawalls** initiative is a collaborative, ongoing research project to combat this issue. Led by Melbourne-based design studio **Reef Design Lab** and the **Sydney Institute of Marine Science**, the project explores methods of re-introducing marine biodiversity to existing coastal infrastructure.

The project team worked together to develop compact modular panels with intricate geometries designed to mimic the shapes and forms found in natural rocky shores. These panels would be installed onto existing flat seawall surfaces. Four unique designs were created, with the intention to assess which of the designs would be most successful at encouraging biodiversity.



Alex Goad, industrial designer and founder of Reef Design Lab, approached **SVC** to manufacture the seawall modules using precast concrete. Following the successful testing of prototypes and some refinements of the concrete mix, SVC subsequently produced hundreds of units which were installed at two locations in Sydney Harbour.

Through its research findings, the Living Seawalls initiative aims to define a methodology for future seawall design. The project team will continue to investigate ways to implement 'green' seawalls on a larger, potentially commercial scale that can be replicated in coastal cities across Australia and the world.

To learn more or place an order for seawall panels, please contact **Reef Design Lab** or the **Sydney Institute of Marine Science**.



■ Seawall modules at Sawmillers Reserve, Sydney Harbour.
Image: Leah Wood, Sydney Institute of Marine Science



■ Signs of marine life inhabiting the seawall modules.
Image: Alex Goad, Reef Design Lab

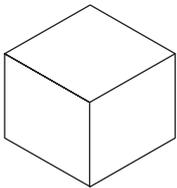
FURNITURE

Precast concrete seating and furniture perform superbly in landscape projects due to the excellent durability of the material and its timeless aesthetic appeal.

SVC Urban's stock range of furniture options consists of individual seats, bench seats and modular seating styles.

For a bespoke furniture enquiry, please email our team at sales@svc.com.au.

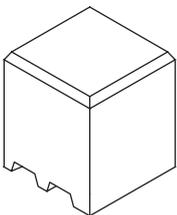
CUBE



- DIMENSIONS** | 500L x 500W x 500H
- WEIGHT** | 280 kg
- COLOURS** | 
* custom colours also available
- FINISHES** | smooth \ blasted \ honed \ polished



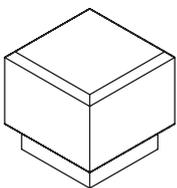
CHAMFERED CUBE



- DIMENSIONS** | 500L x 500W x 600H
- WEIGHT** | 355 kg
- COLOURS** | 
* custom colours also available
- FINISHES** | smooth \ blasted \ honed \ polished
- FEATURES** | 50mm chamfer on the top edges
Two sling recesses at the base



SHADOW CUBE



- DIMENSIONS** | 500L x 500W x 500H (inc. 100H base)
- WEIGHT** | 285 kg
- COLOURS** | 
* custom colours also available
- FINISHES** | smooth \ blasted \ honed \ polished
- FEATURES** | 30mm chamfer on top and bottom edges

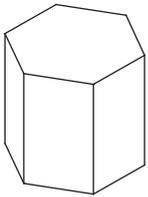


SOLO SEATS



HEX seats in the landscaped courtyard outside Monash University's Green Chemical Futures building.

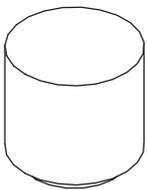
HEX



- DIMENSIONS** | 416L x 480W x 450H
- WEIGHT** | 165 kg
- COLOURS** | 
* custom colours also available
- FINISHES** | smooth \ blasted \ honed \ polished
- FEATURES** | Hexagon edges 240L \ 120° internal angle



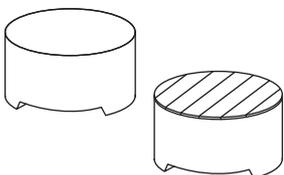
CYLINDER



- DIMENSIONS** | 450Ø x 500H
- WEIGHT** | 180 kg
- COLOURS** | 
* custom colours also available
- FINISHES** | smooth \ blasted
- FEATURES** | 300Ø recessed circular base



OTTOMAN



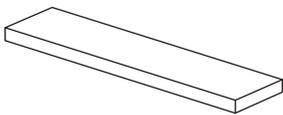
- DIMENSIONS** | 1000Ø x 500H \ 1000Ø x 550H
- WEIGHT** | 838 kg \ 853 kg
- COLOURS** | 
* custom colours also available
- FINISHES** | smooth \ blasted
- FEATURES** | Available with or without timber seat top
Wide sling recess at the base



FURNITURE



BENCH TOPS



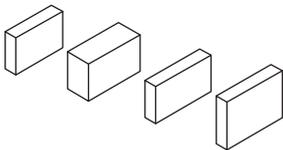
DIMENSIONS & WEIGHT | 1500L x 600W x 100T \ 180kg
2000L x 600W x 100T \ 240 kg
3000L x 600W x 125T \ 360 kg

COLOURS | 
* custom colours also available

FINISHES | smooth \ blasted \ honed \ polished



BENCH LEGS



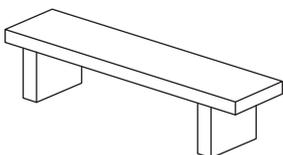
DIMENSIONS & WEIGHT | 500L x 350W x 100T \ 37 kg
520L x 350W x 200T \ 73 kg
600L x 350W x 100T \ 42 kg
600L x 450W x 100T \ 54 kg

COLOURS | 
* custom colours also available

FINISHES | smooth \ blasted \ honed \ polished



STRADDLE BENCH



DIMENSIONS & WEIGHT | 1500L x 600W x 450H \ 264 kg
2000L x 600W x 450H \ 324 kg
3000L x 600W x 550H \ 468 kg
Bench top: 100T

COLOURS | 
* custom colours also available

FINISHES | smooth \ blasted \ honed \ polished

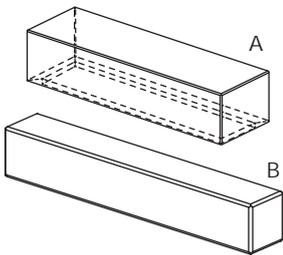


BENCH SEATS



Block bench seats are characterised with coloured steel splashes at Princess Street, St Albans.

BLOCK BENCH



DIMENSIONS & WEIGHT | A: 2000L x 500W x 500H \ 1210 kg
B: 2800L x 450W x 450H \ 1405 kg

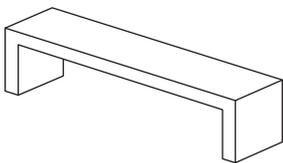
COLOURS | 
* custom colours also available

FINISHES | smooth \ blasted \ honed \ polished

FEATURES | Block bench A: Rebated base, 75mm in from outer edges



BRIDGE BENCH



DIMENSIONS | 1500L x 350W x 100T x 450H

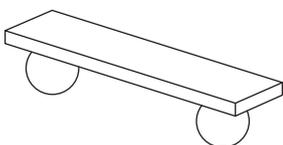
WEIGHT | 186 kg

COLOURS | 
* custom colours also available

FINISHES | smooth \ blasted \ honed \ polished



SPHERE BENCH



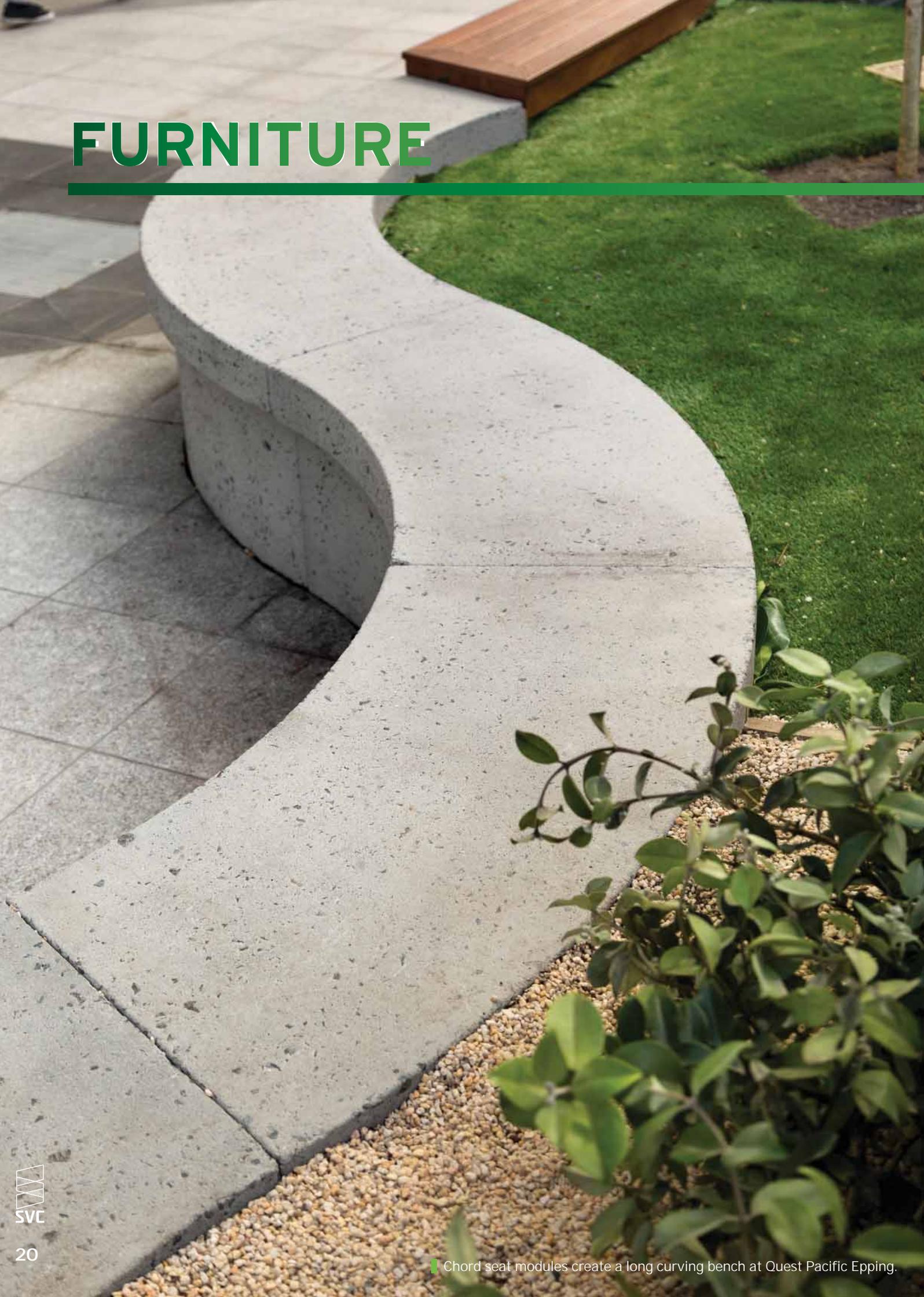
DIMENSIONS & WEIGHT | 2000L x 600W x 100T x 500H \ 388 kg
3000L x 600W x 100T x 500H \ 508 kg

COLOURS | 
* custom colours also available

FINISHES | smooth \ blasted \ honed \ polished
*spheres available in blasted finish only.

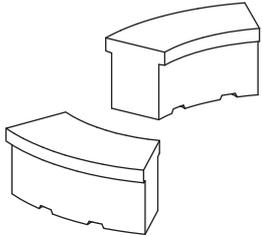


FURNITURE



MODULAR SEATS

CHORD



DIMENSIONS | 1191L x 500W x 530H

WEIGHT | 565 kg

COLOURS | 
* custom colours also available

FINISHES | smooth \ blasted

FEATURES | 50mm overhang at front and back
No. of modules in full circle: 8



Chord seat modules positioned to create a seating formation with several curves. Location: Quest Pacific Epping

PROJECT HIGHLIGHT
ST KILDA FORESHORE, FEB 2016





PROJECT HIGHLIGHT
DOCKLANDS PARK STAGES 1 & 2, AUG 2017



Product: Bespoke concrete benches with cast-in lighting and power \ Design: MALA Studio \ Client: Maben Group

PROJECT HIGHLIGHT
SHADOW PLAY SOUTH MELBOURNE, MAY 2018



Product: Bespoke curved concrete bench modules \ Design: Elenberg Fraser \ Client: Icon Constructions

PROJECT HIGHLIGHT
BOX HILL GARDENS, JUN 2018



Product: BLOCK concrete benches \ Design: ASPECT Studios & NMBW Architecture Studio \ Client: Planned Constructions

PROJECT HIGHLIGHT
CARNEGIE LEVEL CROSSING REMOVAL, NOV 2018



PROJECT HIGHLIGHT
MENTONE COMMUNITY PIAZZA, SEP 2019



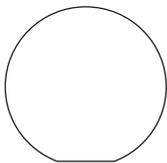
Product: Bespoke concrete seat modules \ Design: City of Kingston \ Client: CDN Constructors

BOLLARDS



Trapezoid bollards protect the frontage of a supermarket in the Hunt Club Village Shopping Centre.

ORB



DIMENSIONS & WEIGHT

3000 \ 44 kg
4000 \ 74 kg
5000 \ 130 kg
6000 \ 265 kg

COLOURS



* custom colours also available

FINISHES

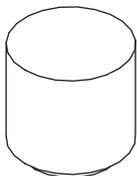
smooth \ blasted

FEATURES

Stencilled motifs can be included on surface



CYLINDER



DIMENSIONS

4500 x 500H

WEIGHT

180 kg

COLOURS



* custom colours also available

FINISHES

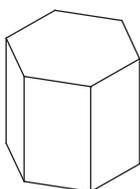
smooth \ blasted

FEATURES

3000 recessed circular base



HEX



DIMENSIONS

416L x 480W x 450H

WEIGHT

165 kg

COLOURS



* custom colours also available

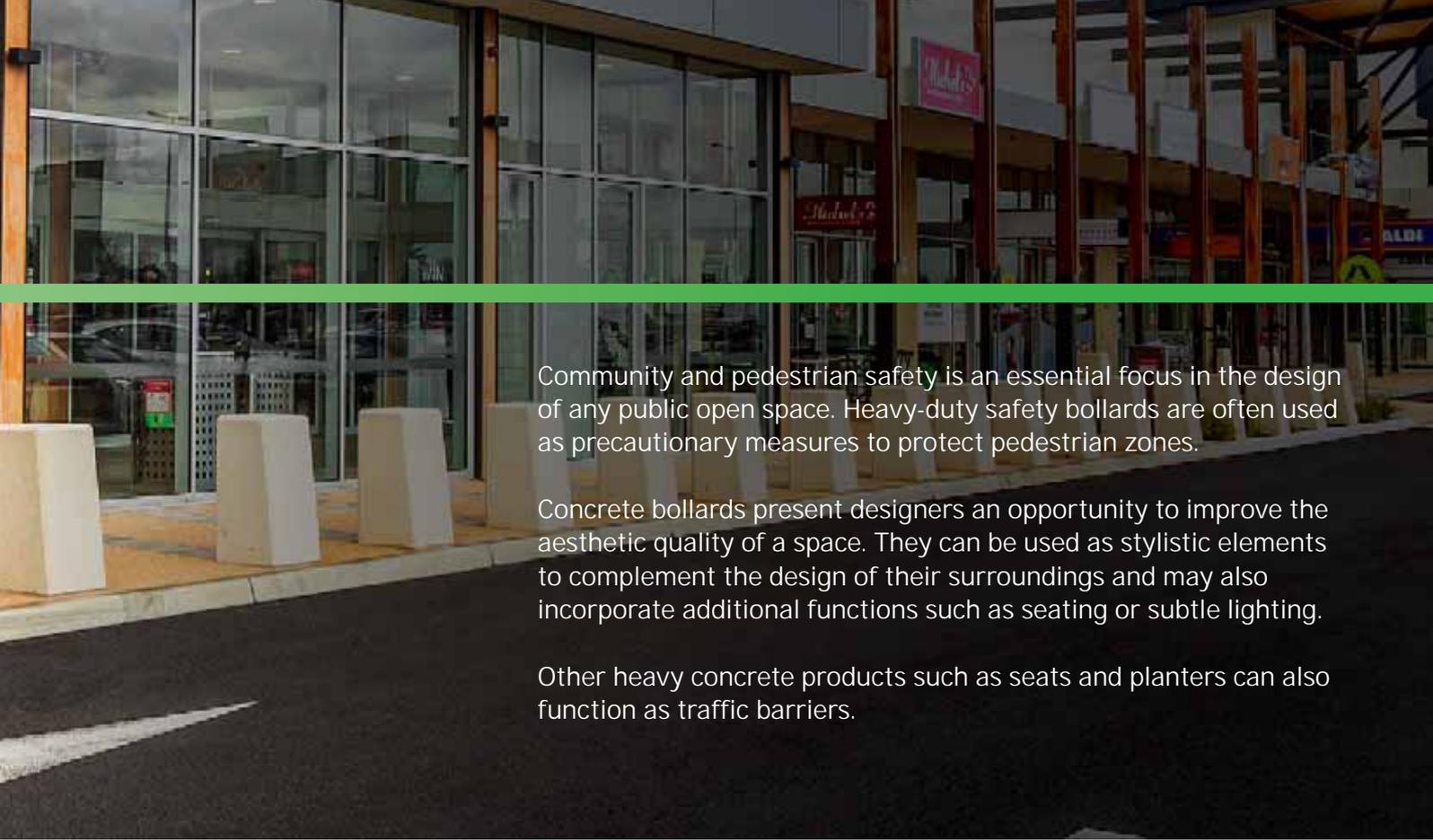
FINISHES

smooth \ blasted \ honed \ polished

FEATURES

Hex edges 240L at 120° angle



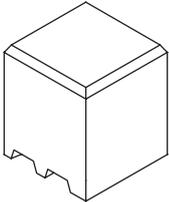


Community and pedestrian safety is an essential focus in the design of any public open space. Heavy-duty safety bollards are often used as precautionary measures to protect pedestrian zones.

Concrete bollards present designers an opportunity to improve the aesthetic quality of a space. They can be used as stylistic elements to complement the design of their surroundings and may also incorporate additional functions such as seating or subtle lighting.

Other heavy concrete products such as seats and planters can also function as traffic barriers.

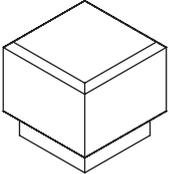
CUBE



- DIMENSIONS** | 500L x 500W x 600H
- WEIGHT** | 355 kg
- COLOURS** |
 * custom colours also available
- FINISHES** | smooth \ blasted \ honed \ polished
- FEATURES** | 50mm chamfer on top edges



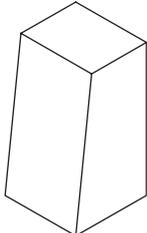
SHADOW CUBE



- DIMENSIONS** | 500L x 500W x 500H (inc. 100mm base)
- WEIGHT** | 285 kg
- COLOURS** |
 * custom colours also available
- FINISHES** | smooth \ blasted \ honed \ polished
- FEATURES** | 30mm chamfer on top and bottom edges



TRAPEZOID



- DIMENSIONS** | 450L x 450W x 850H
- WEIGHT** | 383 kg
- COLOURS** |
 * custom colours also available
- FINISHES** | smooth \ blasted \ honed \ polished
- FEATURES** | Top face 450L x 350W



PROJECT HIGHLIGHT
PRINCES BRIDGE MELBOURNE, JUN 2019



PROJECT HIGHLIGHT
OLYMPIC BOULEVARD, DEC 2019



Product: Bespoke concrete seat blocks \ Design: City of Melbourne \ Client: Ace Landscape Services

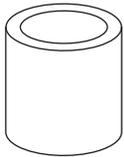
PLANTERS

Precast concrete is a long-lasting, durable material for planters, enabling them to age well over time.

Aside from their primary function of housing greenery, large-format concrete planters can also provide subtle security barriers for pedestrian spaces. Due to their weight and structural integrity, they are an imposing and effective deterrent to drivers.

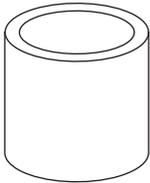
ROUND PLANTERS

800 ROUND



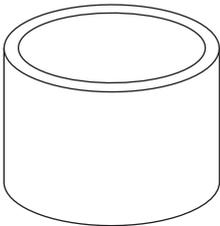
- DIMENSIONS** | 800Ø x 750H
- WEIGHT** | 435 kg
- COLOURS** |  custom colours also available
- FINISHES** | smooth \ blasted
- FEATURES** | 70mm wall thickness at rim tapered to 100mm thickness at base
100mm base thickness with single drainage hole

1000 ROUND



- DIMENSIONS** | 1000Ø x 850H
- WEIGHT** | 655 kg
- COLOURS** |  custom colours also available
- FINISHES** | smooth \ blasted
- FEATURES** | 70mm wall thickness at rim tapered to 100mm thickness at base
100mm base thickness with single drainage hole

1500 ROUND



- DIMENSIONS** | 1500Ø x 950H
- WEIGHT** | 1245 kg
- COLOURS** |  custom colours also available
- FINISHES** | smooth \ blasted
- FEATURES** | 70mm wall thickness at rim tapered to 100mm thickness at base
100mm base thickness with single drainage hole

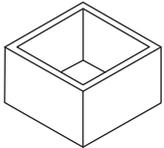


PLANTERS



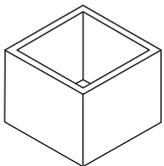
RECTILINEAR PLANTERS

1300 CUBE A



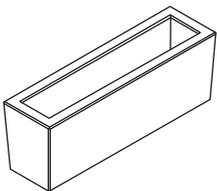
- DIMENSIONS** | 1300L x 1300W x 950H
- WEIGHT** | 1620 kg
- COLOURS** |      * custom colours also available
- FINISHES** | smooth \ blasted \ honed \ polished
- FEATURES** | 100mm wall thickness
150mm base thickness with 5 drainage holes
Central sling recess between two 50mm base platforms

1300 CUBE B



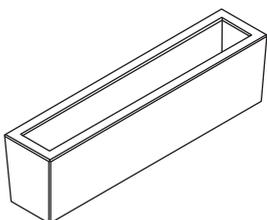
- DIMENSIONS** | 1300L x 1300W x 1100H
- WEIGHT** | 1850 kg
- COLOURS** |      * custom colours also available
- FINISHES** | smooth \ blasted \ honed \ polished
- FEATURES** | 100mm wall thickness
150mm base thickness with 5 drainage holes
Central sling recess between two 50mm base platforms

1800 RECTAPER



- DIMENSIONS** | 1800L x 500W x 635H
Bottom face 1730L x 430W
- WEIGHT** | 810 kg
- COLOURS** |      * custom colours also available
- FINISHES** | smooth \ blasted \ honed \ polished
- FEATURES** | 100mm wall & base thickness with single drainage hole

2400 RECTAPER



- DIMENSIONS** | 2400L x 500W x 635H
Bottom face 2330L x 430W
- WEIGHT** | 1080 kg
- COLOURS** |      * custom colours also available
- FINISHES** | smooth \ blasted \ honed \ polished
- FEATURES** | 100mm wall & base thickness with single drainage hole

PROJECT HIGHLIGHT
LEOPOLD GATEWAY PLAZA, MAR 2017



PROJECT HIGHLIGHT
PRAHRAN SQUARE, NOV 2019

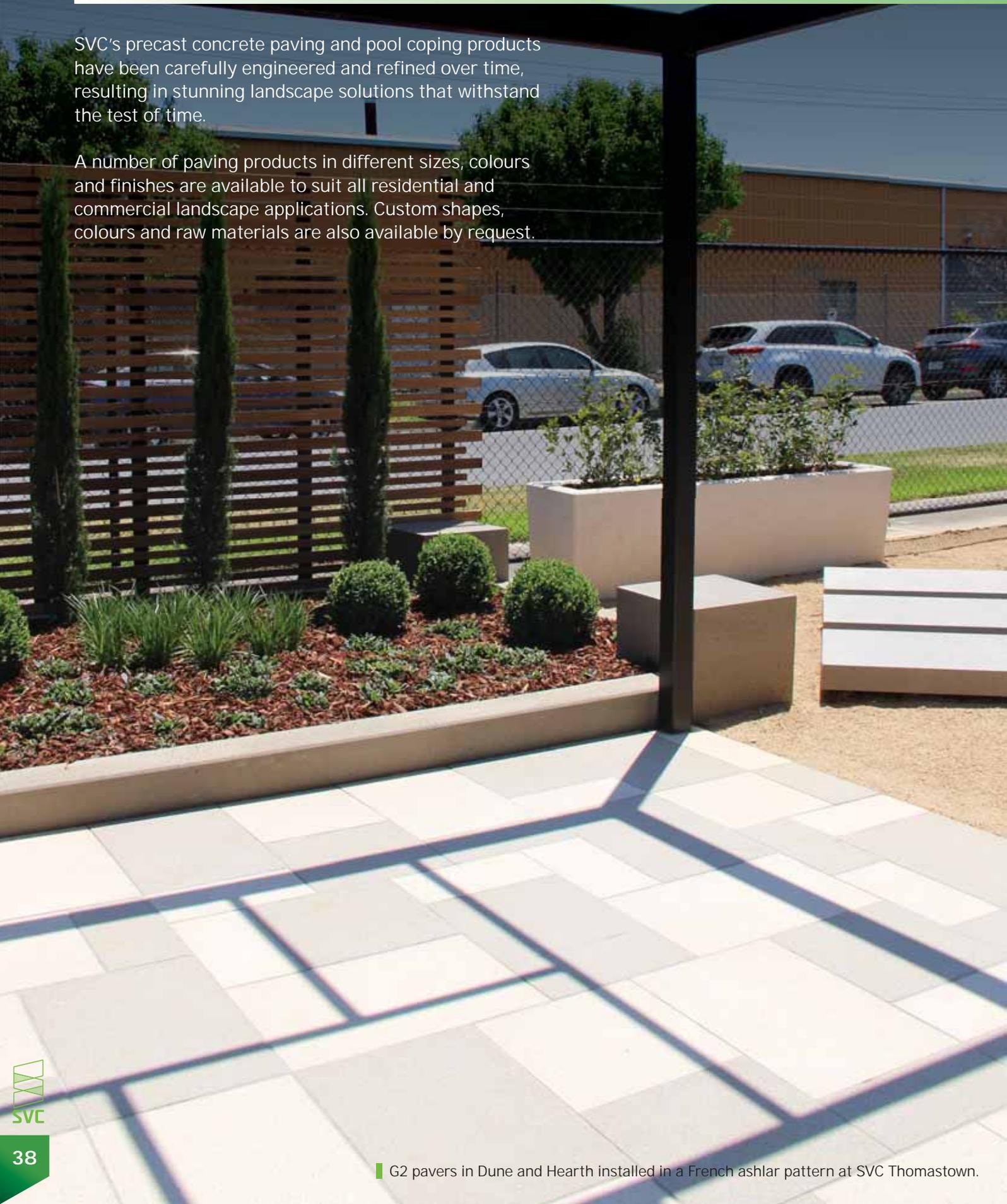


Product: Bespoke concrete seat planter modules \ Design: ASPECT Studios \ Client: Ace Landscape Services

PAVING

SVC's precast concrete paving and pool coping products have been carefully engineered and refined over time, resulting in stunning landscape solutions that withstand the test of time.

A number of paving products in different sizes, colours and finishes are available to suit all residential and commercial landscape applications. Custom shapes, colours and raw materials are also available by request.





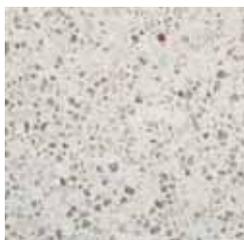
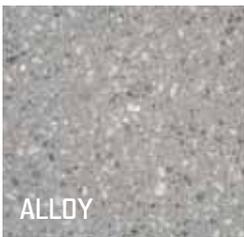
QUALITY, VALUE & SIMPLICITY

G2 is SVC's flagship concrete paver - a beautiful exposed aggregate paving solution that offers great aesthetics backed by superior quality and long-lasting performance.

The range comprises four standard colours which are available in 3 sizes, 2 finishes, 2 thicknesses and 2 paving patterns.

BLASTED

HONED



DIMENSIONS | 400L x 200W \ 400L x 400W \ 400L x 600W

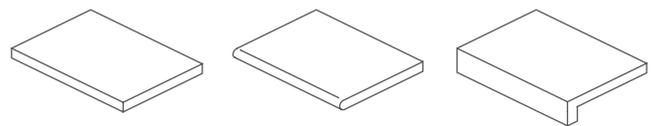
THICKNESS | TREK - 40mm: for pedestrian applications
TRAFFIC - 60mm: for light vehicular applications

COLOURS | CHAR \ HEARTH \ ALLOY \ DUNE

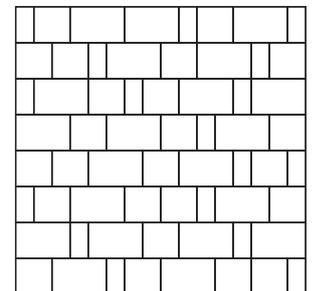
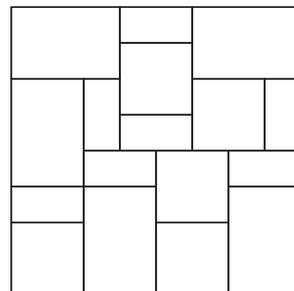
FINISHES | blasted \ honed \ polishing available upon request

BREAKING LOADS | TREK40 - 4-8 kN
TRAFFIC60 - 10-19 kN

COPING STYLES | square edge \ bullnose* \ dropdown*
*available in 400x600 profile only



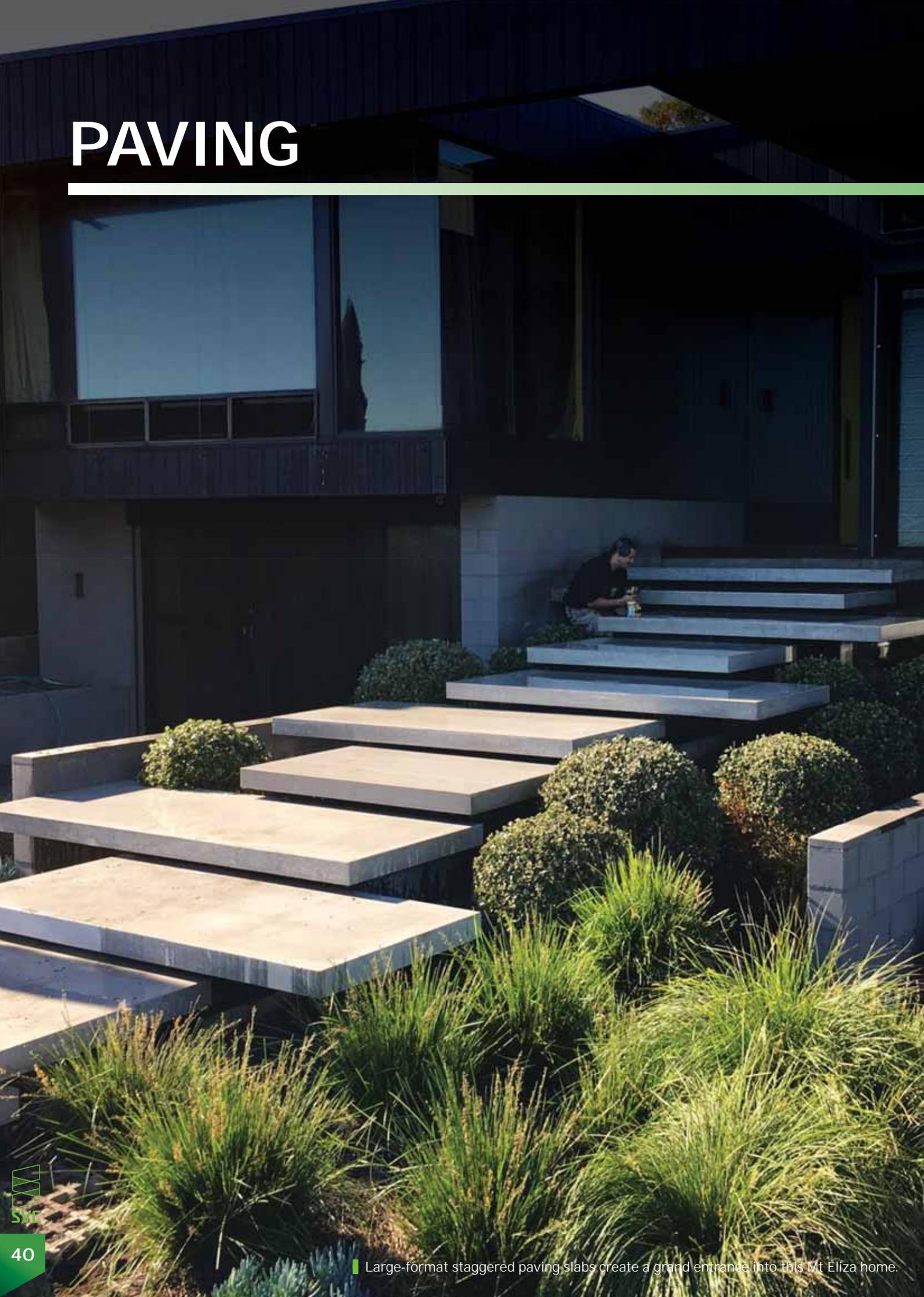
PAVING PATTERNS | french ashlar \ banded



SVC's sister company, **Anston Architectural Products**, is a boutique manufacturer of premium concrete paving and coping products for residential and commercial landscapes. The Anston paving range consists of over 150 standard sizes in 25 colours, with bespoke options also available.

To view the range or enquire about a custom paving project, please visit <https://anston.com.au/>

PAVING



PLANKS & SLABS

Paving planks and **large format** paving slabs are bespoke offerings available through SVC.

Pre-fabrication of these products is often a more convenient option compared to forming the products in-situ. Significant time savings are gained from not having to build formwork, mix and pour concrete and wait for the concrete to set and cure on-site.

When using precast concrete, project delays due to weather conditions are also avoided. The precast manufacturing process is completed in a controlled environment and products are immediately ready to install once they are delivered to site.

PAVING PLANKS



DIMENSIONS | MADE TO ORDER
 Length: 800mm & above
 Width: 100mm & above; dependent on length
 Thickness: 60mm & above; dependent on length & width

COLOURS | custom colours also available

FINISHES | smooth \ blasted \ honed \ polished

PAVING SLABS



DIMENSIONS | MADE TO ORDER
 Custom sizing. Minimum thickness dependent on length & width.

COLOURS | custom colours also available

FINISHES | smooth \ blasted \ honed \ polished



Exposed aggregate paving planks at Melbourne Quarter Skypark. Design: OCULUS & Aspect Studios for Lendlease

STAIR TREADS

Architectural concrete stair treads exhibit great strength and durability as well as beautiful aesthetic quality.

A standard SVC tread is available with tactile rubber strips to provide additional slip resistance. Bespoke sizes are also available and allow customisation of colour, dimension, texture and finish.





Product: Bespoke 4.6m concrete stair treads \ Client: Jacaranda Industries for Victoria Racing Club

STAIR NOSING

Available in a range of colours.



Product: Curved and straight stair treads with nosing \ Client: Growth Civil

SIGNAGE

Due to its proven ability to withstand harsh weather conditions, precast concrete is an optimal material to use for external signage requirements.

Numerous shapes, textures and colours can be created and additionally decorated with various graphic techniques, resulting in wayfinding or monumental signage elements that command attention.





Project: Monash University Clayton Campus \ Product: Bespoke geometric sign bases \ Client: Adherettes



Project: Vietnam Veterans' Walk, Seymour \ Product: Bespoke wall bases \ Client: Australian Quality Landscaping



Project: Bloom Estate, Clyde \ Product: Bespoke sign with recessed painted lettering \ Client: UDL Group



Project: Port of Melbourne Corporation \ Product: Bespoke sign bases with imprinted numerals \ Client: Watpac Construction

SLEEPERS

Thanks to outstanding strength and reliable performance, concrete sleepers are often used in the construction of boundary and retaining walls. At SVC, we see so much more potential for sleepers than plain grey concrete.

We are pleased to offer concrete sleepers in a variety of colour and finish options including timbergrain texture, exposed aggregate concrete and shot-blasted, honed and polished surface textures.



SLEEPER SIZES



DIMENSIONS & WEIGHT

1800L x 200W x 75T \ 68 kg
 2000L x 200W x 100T \ 100 kg
 2400L x 200W x 100T \ 120 kg
 3000L x 200W x 150T \ 225 kg
 Additional bespoke sizes are available upon request.

COLOURS

○ ● ● ● ● * custom colours also available

FINISHES

smooth \ blasted \ honed \ polished

BESPOKE FINISHES



Blasted exposed aggregate finish



Authentic timbergrain texture



Stencilled lettering



SVC timbergrain textured sleepers form a long retaining wall in Chirnside Park.

PRODUCT CARE & MAINTENANCE

CLEANING & SEALING

Like most outdoor surfaces, concrete should be cleaned routinely. General maintenance to remove dirt and dust can be performed using a stiff brush, broom or high pressure hose. For stubborn stains, chemical-based cleaning products may be required.

Most SVC Urban products are used in external applications, and can be impacted by weather conditions and vandalism. To assist with the maintenance and longevity of products when exposed to the elements, we highly recommend that all our products should be treated with an appropriate sealant.

Concrete products that are installed with attached timber components or in close proximity to timber structures should definitely be sealed. Often, timber that is not properly weathered or sealed will bleed during periods of rainfall, leaving unsightly tannin stains on concrete. For certain applications, an anti-graffiti sealer should also be considered.

SVC are accredited sealing applicators and offer pre-sealing on all our products. The sealing process is completed in our factory prior to dispatch of products.

Note: All cleaning and sealing that involves the use of chemical agents should be carried out by experienced professional contractors. Use of the incorrect cleaning solutions or techniques may cause irreparable damage to the product.

STAIN REMOVAL

When stains occur, it is best to treat the stain as soon as possible to prevent deep seepage into the concrete. Application of a **penetrating sealer** helps to lessen the spread and seepage of stains. A sealed concrete surface will also be slightly water-resistant, making it easier to keep clean.

Common stains include animal droppings, leaf and timber tannins and stains from spilled food or drink. Different types of stains will require different cleaning products. Where chemical-based cleaning agents are required, we recommend you seek the services and advice of a professional cleaning contractor.



This concrete surface was sealed with a penetrating sealer, making it resistant to liquids.



Untreated timber can often lead to unsightly tannin stains on concrete.



The stubborn buildup of dirt and grime on these pavers can be removed by an experienced cleaning professional.



TRANSPORT & HANDLING

Proper handling and lifting of concrete products is essential to avoid potential damage during transportation. SVC utilises experienced crane truck delivery drivers who are extremely well-versed in the delivery and unloading of our concrete products.

Where separate transport has been organised, it is important for all products to be packaged appropriately for transit. Padding should be used where required between products and edges to prevent any chipping from bumps or unwanted contact.

Many types of lifting tools and techniques are available. For detailed instructions on product handling and the appropriate tools and techniques required for your project, please refer to the **SVC Product Lifting Guidelines**.



Products must be properly secured with edges protected during transportation.

ON-SITE STORAGE

To avoid potential damage from ongoing works on site, we often recommend to book in the delivery of products only when the site is ready for installation. Prior to this, SVC can provide storage on our premises for safekeeping.

Products that are left unattended on site are prone to weather conditions as well as accidental damage from on-site construction. Once on site, products should always be left in their original state on the pallets, until they are ready to be installed.



Products must be kept packaged in their original state until time of installation.

PATCHING & REPAIRS

Despite the utmost care being taken to protect products on site, unfortunate circumstances can lead to small chips or cracks in concrete products. For situations like these, SVC can organise a maintenance team to travel to site for patching and small repairs.

While patching does help to repair small chips and cracks, it is important to note that a patched area of concrete will never look as pristine as the original, undamaged product.

Should you require any assistance with a damaged product, please contact our team at sales@svc.com.au.



SVC's maintenance team can repair small chips or cracks in products on-site.

SVC CIVIL



Since 1948, SVC Products has manufactured consistently high quality precast concrete products for local civil construction. Our extensive range of civil products serve a variety of applications for **Stormwater, Civil and Infrastructure** and are fully compliant with the relevant Australian Standards. Many stock solutions and bespoke options are available.

Please refer to the **SVC Civil Product Catalogue** for more information.

ACCESS COVERS



An extensive selection of access covers made from lightweight SMC, cast iron and precast concrete are available to suit a range of applications, including stormwater collection, sewer infrastructure, electrical and communications uses.

All SVC access covers are compliant with the load ratings as specified in **AS 3996:2019**.

DRAINAGE GRATES



SVC's stocks a range of galvanised steel grates used in various stormwater and drainage applications. Several unique grate types are available, some of which can be purchased in concrete encasements.

All SVC grates are bicycle-safe and compliant with the load ratings as specified in **AS 3996:2019**.

CONCRETE PITS



SVC specialises in the manufacture of concrete pits and complementary pit risers and accessories, suiting applications such as stormwater, electrical and communications. Custom pits are also available and can be supplied with holes and knockouts placed where required.

All SVC pits are compliant with the **AS/NZS Plumbing & Drainage Code**.

TRADE WASTE



SVC's range of trade waste pits can be used for various commercial and industrial purposes and includes cooling and straining pits, grease interceptors, petrol & oil interceptors and neutralising tanks.

Custom tradewaste pits are also available to order in sizes up to 5000 litres.



STORMWATER DETENTION



On-site stormwater detention systems are widely used in subdivisional construction. SVC offers multiple OSD solutions and is the sole supplier of the MC2 multicell device, developed in conjunction with Swinburne University.

Our detention systems provide a durable and economical means of controlling stormwater flow in extreme weather conditions.

KERBING



SVC supplies many different types of kerbing and kerb lintel units that are compliant with VicRoads and Victorian council specifications. Additional products such as wheel stops and spiked kerbs are also available.

Kerbs and lintels are available in a range of different colours and finishes.

BUILDING PRODUCTS



Various precast concrete and galvanised steel building products are available. These include building lintels, retaining walls, sleepers and sleeper posts among others.

All galvanised steel products are compliant with **AS/NZS 4680:2006**.

MISCELLANEOUS



In addition to its core product lines, SVC's Civil department produces complementary concrete products for stormwater and sewer infrastructure, such as endwalls and wingwalls, concrete pipes and box culverts.

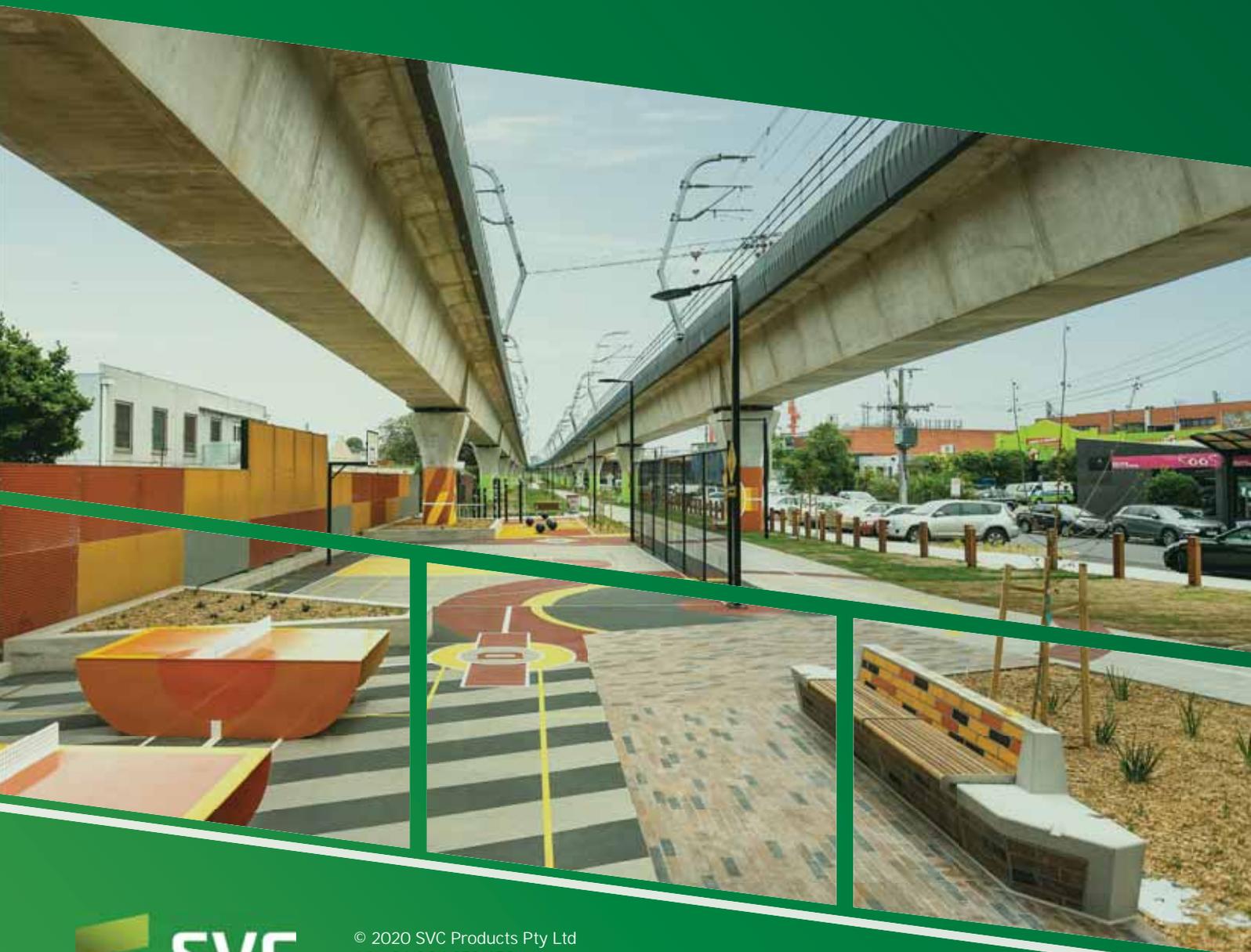
These products are often used in road construction and reconstruction projects.

CIVIL ACCESSORIES



Smaller concrete products and ancillary items and accessories for stormwater, electrical, building and communications applications are readily available.

These include heavy-duty lifting accessories, locking keys, pit step irons and many more products commonly used in trade applications.



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