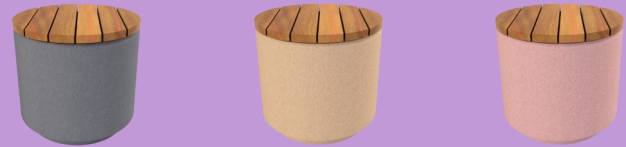
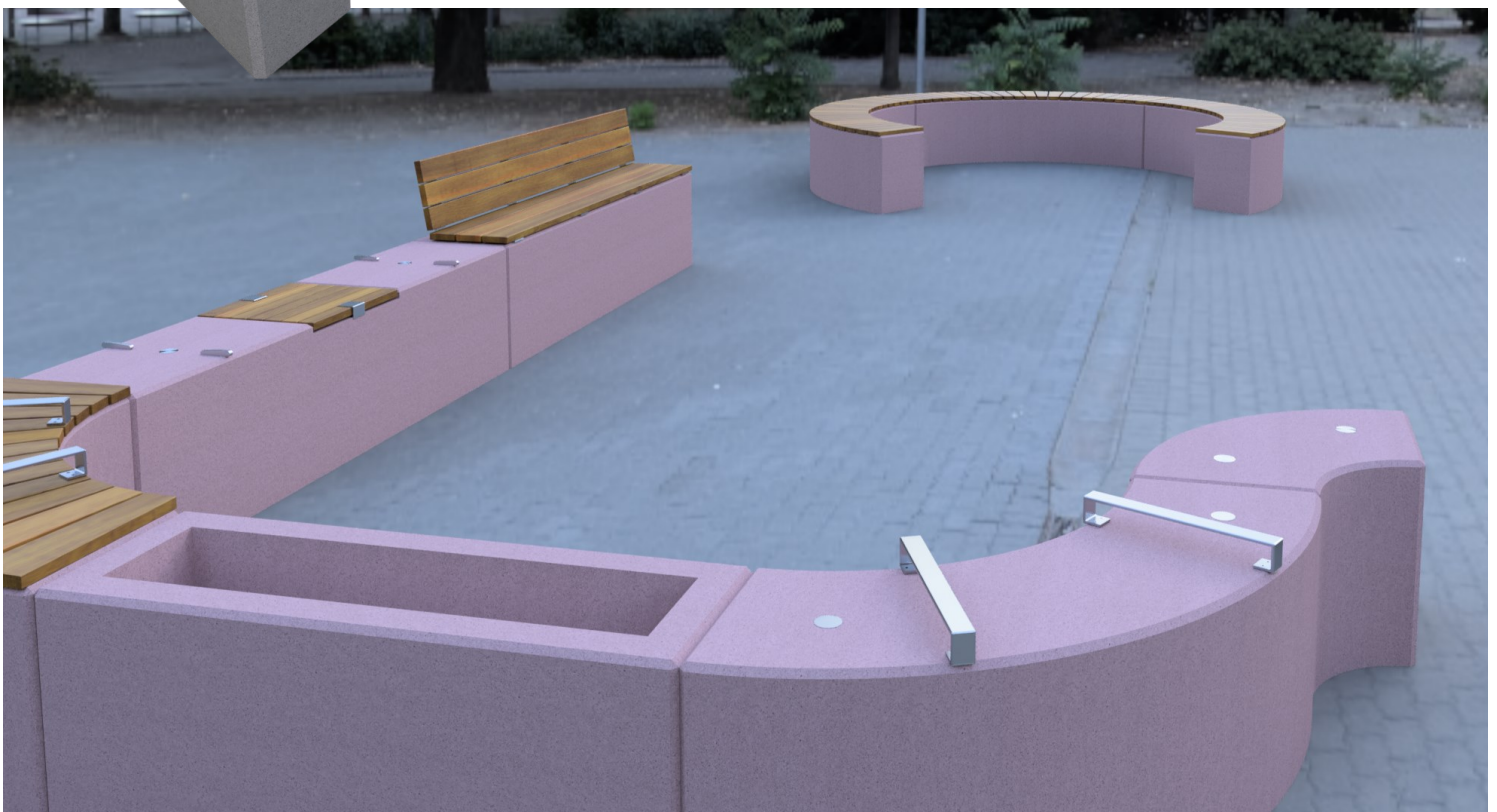


# RESILIENT STREET FURNITURE

FOR OVER 50 YEARS



## UNITY MODULAR



## UNITY MODULAR – CONCEPT

The Townscape Unity range is a low maintenance robust precast concrete street furniture modular product suite. Designed to enhance the urban space the design has been developed with functionality and security in mind. Available as both surface mounted and as a Vehicle Attack Delay (VAD) System (when recessed 100mm into finishes.)





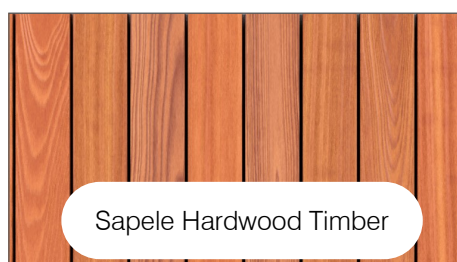
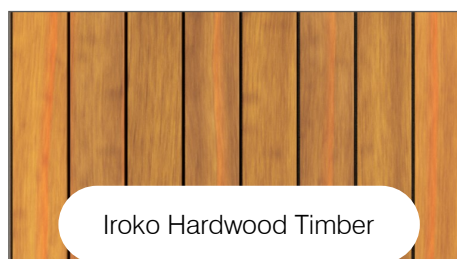
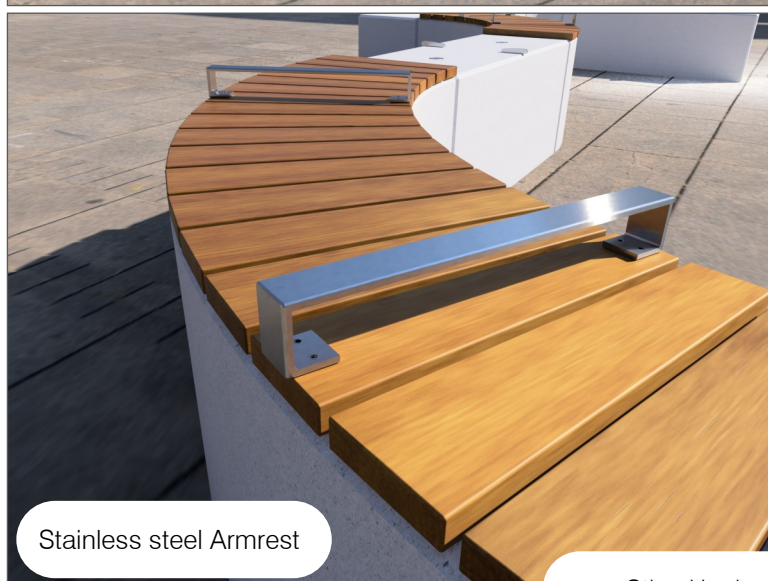
## UNITY MODULAR – DESIGN

Versatile with endless bespoke variations UNITY MODULAR can be designed to define your urban space in terms of both style and functionality. Robust materials for either surface mounting or recessing into finishes. Elements have a uniform 500x600mm depth and height profile. A wide range of smooth and exposed finishes available.





## UNITY MODULAR



Other Hardwood Timbers can also be specified including a full FSC range.

### Policy

Townscape's policy is one of continuous development, and we reserve the right to modify design specification or price without notice. The copyright, design rights and other intellectual property rights in the products and drawings shown and in the text displayed are the property of Townscape Products Limited.

All sizes and weights are nominal and the Company reserves the right to modify dimensions without notice. If dimensions or weights are critical please state when ordering.

500x500x600mm UNITY BOLLARD SEAT SKU: STG/0235



500x500x640 UNITY DECK SEAT SKU: STG/0236



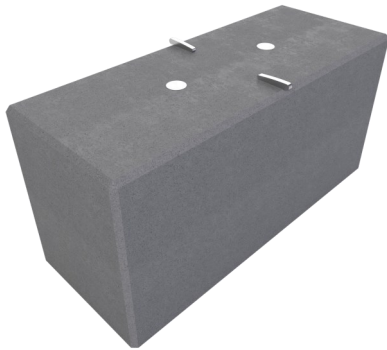
600mm Diameter UNITY PENNY SEAT HEIGHT ABOVE GROUND 555mm SKU:STG/0241



600mm Diameter UNITY PENNY SEAT WITH DECK SEAT TOP HEIGHT ABOVE GROUND 555mm SKU: STG/0242



1250x500x600 UNITY BENCH SKU: STG/0237



1250x500x600 UNITY BENCH WITH DECK SEAT TOP SKU:STG/0238



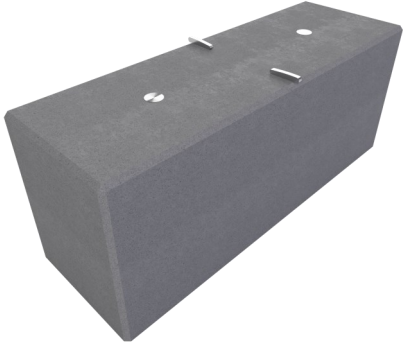



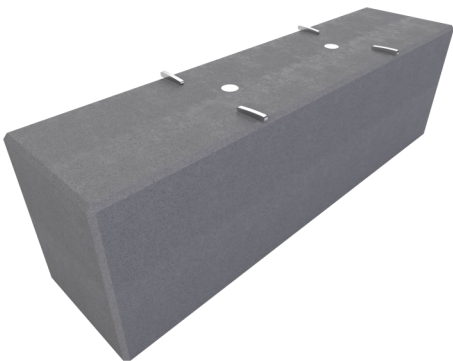

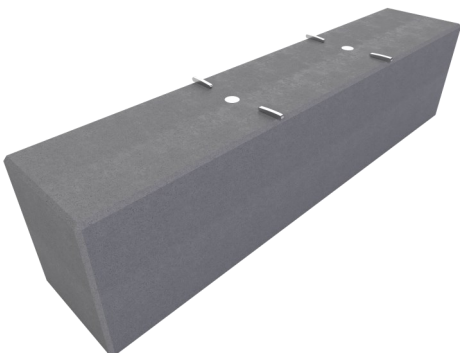

1250x500x600 UNITY BENCH WITH FORKLIFT HOLES SKU: STG/0247



1250x500x600 UNITY BENCH WITH DECK SEAT TOP AND FORKLIFT HOLES SKU: STG/0248



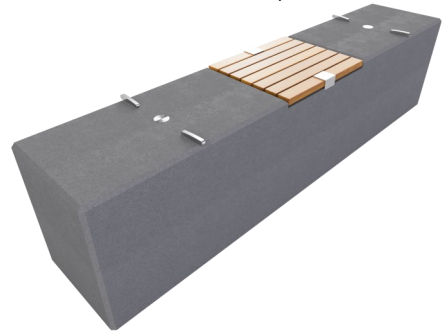


<p>1500x500x600 UNITY BENCHSKU: STG/0245</p> 	<p>1500x500x600 UNITY BENCH WITH DECK SEAT TOP SKU: STG/0246</p> 
<p>1800x500x600 UNITY BENCH SKU: STG/0243</p> 	<p>1800x600x600 UNITY BENCH WITH DECK SEAT TOP SKU: STG/0244</p> 
<p>2000x500x600 UNITY BENCH SKU: STG/0232</p> 	<p>2000x500x600 UNITY BENCH WITH DECK SEAT TOP SKU: STG/0233</p> 
<p>2500x500x600 UNITY BENCH SKU: STG/0239</p> 	<p>2500x500x600 UNITY BENCH WITH DECK SEAT TOP SKU: STG/0240</p> 

2500x500x600 UNITY BENCH 1800mm DECK TOP  
SKU: STG/024918



2500x500x600 UNITY BENCH WITH 600mm INSET DECK  
TOP SKU: STG/0249



1250x500x600 UNITY PLANTER SKU: STG/0128



1250x500x600 UNITY PLANTER WITH FORKLIFT HOLES  
SKU: STG/0086



1500x500x600 UNITY PLANTER SKU: STG/0130



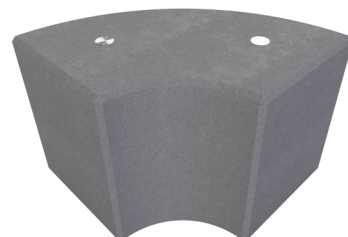
2000x500x600 UNITY PLANTER SKU: STG/0086



2500x500x600 UNITY SEAT with FULL BACKREST  
SKU: STG/0239BBR



300mm internal Radius CORNER UNITY BENCH  
SKU: STG0230300



800mm internal Radius CORNER UNITY BENCH  
SKU: STG0230800



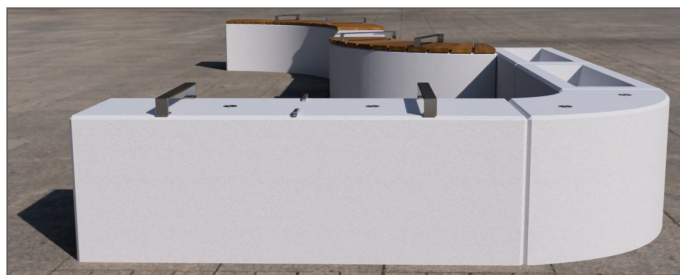
1500mm internal Radius CORNER UNITY BENCH  
SKU: STG02301500



800mm internal Radius CORNER UNITY BENCH  
SKU: STG/0230800DT



1500mm internal Radius CORNER UNITY  
BENCH SKU: STG02301500DT





Artisan Precast Concrete Premier Finishes. Smooth Concrete with optional anti-graffiti finish.

Dark Grey



White



Grey



Dark Sandstone



Light Sandstone



Buff



A Full set of FBX 3D Models are available to help you configure this product. Please contact the Sales Office for more information.

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## Maintenance and Product Care

### Maintaining Precast Concrete

Cleaning of concrete is to retain the original finish and to remove unsightly deposits from the surface of the material. Light staining from food or liquid products should only be removed by an application of hot water with added detergent by a light brushing action. Heavier staining can be removed using proprietary cleaning products that are specifically manufactured for this purpose. Before any application the suitability and instruction for use should be obtained from the manufacturer, who will be able to offer specific advice and will normally carry out spot tests to ensure the precast concrete's integrity after application. Jet washing, steam cleaning and blasting systems are available and may prove adequate if used by a competent operative. Intensive and localised use could erode the top surface. Acid cleaning of precast concrete on site is hazardous and should not be attempted. Collection of debris from the surface area by all standard cleaning methods is acceptable. It is recommended that no severe cleaning action is carried out excessively; this includes harsh sucking action that may remove jointing materials, and the use of stiff bristled brushes that have repetitive action such as a circular scrubbing action that will both erode and mark the top surface. Care should be exercised in the use of heavy duty mechanical sweeping machines; these may cause damage through excessive scrubbing action and through scrubbing action of tyres. Contact Pieri U K Limited. Tel 01925 816095

### Concrete Discolouration

Townscape precast concrete products are manufactured using aggregates to create colour. In some instances additional dye may be added to a product to achieve a particular type of colour depth. Slight variations are to be expected from all naturally sourced materials and whilst we work very hard to alleviate colour variations it is an inevitable part of the ageing process. In the same way slight variation in quarry seams may occur over a period of time.

### Concrete Efflorescence

All concrete products may suffer the temporary phenomenon of efflorescence. This is in no way detrimental to the performance of the product. Its occurrence cannot be predicted, its occurrence is more probable in paving blocks than larger precast blocks.

### Natural Aggregates

All Townscape Precast concrete CT Planters are manufactured using natural aggregates sourced from sustainable sources.

### Rock Salt

Rock salt is a product frequently used for the elimination or prevention of ice and frost on paving. Rock salt is abrasive and continual use on precast products can cause deterioration of the surface. Alternative products in the form of granules or liquid can be used as an alternative. Granule forms known as Thaw Granules are available. Contact Dimex Limited. Tel. 0121 704 3551 Fax. 0121 704 4024.

### Method for Maintaining Freeze thaw affected precast concrete products.

Clean away any effected loose concrete surface substrate with a stiff brush to ensure any flaking material is removed. Patch repair the affected area if required. Townscape can provide a patch repair mix kit if needed. Use a propriety concrete sealing system should as 'Smith's Polyurethane Paving Brick Sealer' or 'Smith's Permanent Concrete Sealer' These type of sealing systems seals the surface of the concrete and are considered useful tools to help mitigate Freeze thaw damage related issues. Apply as directed by the sealer manufacturer. Reapply the sealer in line with sealer manufacturers recommendations as part of your normal maintenance regimes.

### Oil and Grease

Removal of oil from precast concrete. In addition to hot water, an alkaline degreaser will greatly increase removal rates of oil and grease. Hot water lifts the oil from the concrete, and the degreaser emulsifies the oil, allowing it to be flushed from the surface. Some contractors use at least a little degreaser for most jobs, even to remove dirt, which can be somewhat oily.

### Rust

Rust will stain precast concrete. Heavy rust stains can penetrate deeply into concrete, so they can be tough to remove completely. Cleaners containing oxalic acid are most effective.

### Mortar Stains

Mortar staining can generally be removed with a stiff brush and or a jetwash. For more stubborn stains and mild acid treatment can be considered. Adoclean is a suitable acid-based system manufactured by Adomast Manufacturing Ltd, Barkston Road, Carlton Industrial Estate, Barnsley S71 3HU [www.adomast.co.uk](http://www.adomast.co.uk). 44 (0) 1226 707 863. As with all proprietary cleaners Townscape cannot guarantee success. For more difficult stain specialist advice should be sort.

### Graffiti

Precast concrete with graffiti coating. Some of Townscape precast concrete products are treated with an anti-Graffiti coating manufactured by Adomast Manufacturing Ltd, Barkston Road, Carlton Industrial Estate, Barnsley S71 3HU [www.adomast.co.uk](http://www.adomast.co.uk). 44 (0) 1226 707 863.

### General graffiti

Graffiti can be very difficult to remove, depending on the type of paint used. Several proprietary chemical strippers are available, many of which contain a citrus-based solvent, methylene chloride, or potassium hydroxide. Citrus-based solvents are the least aggressive and may not work on certain Paints, but they are the safest to use and often have less-stringent disposal requirements. For best results, allow products containing potassium hydroxide to soak into the concrete surface for several hours before power washing. These products also require a subsequent application of an acid Neutralizer. Graffiti also can be removed by a special attachment that includes a tungsten-carbide nozzle that meters sand into the water stream before it exits the nozzle. But the sand will etch the concrete, which may not be desirable. In recent years, softer sodium bicarbonate abrasives have been used with power washers to remove graffiti from concrete (see Concrete Construction, February 1999, p. 87).

For more information about any aspect of this product please call the Townscape Sales Office on +44 (0) 1623 513355