

# Jonite



**PRODUCT  
CATALOGUE**

Website  
[www.jonite.com](http://www.jonite.com)

Social Media  
f [facebook.com/jonitestone](https://facebook.com/jonitestone)  
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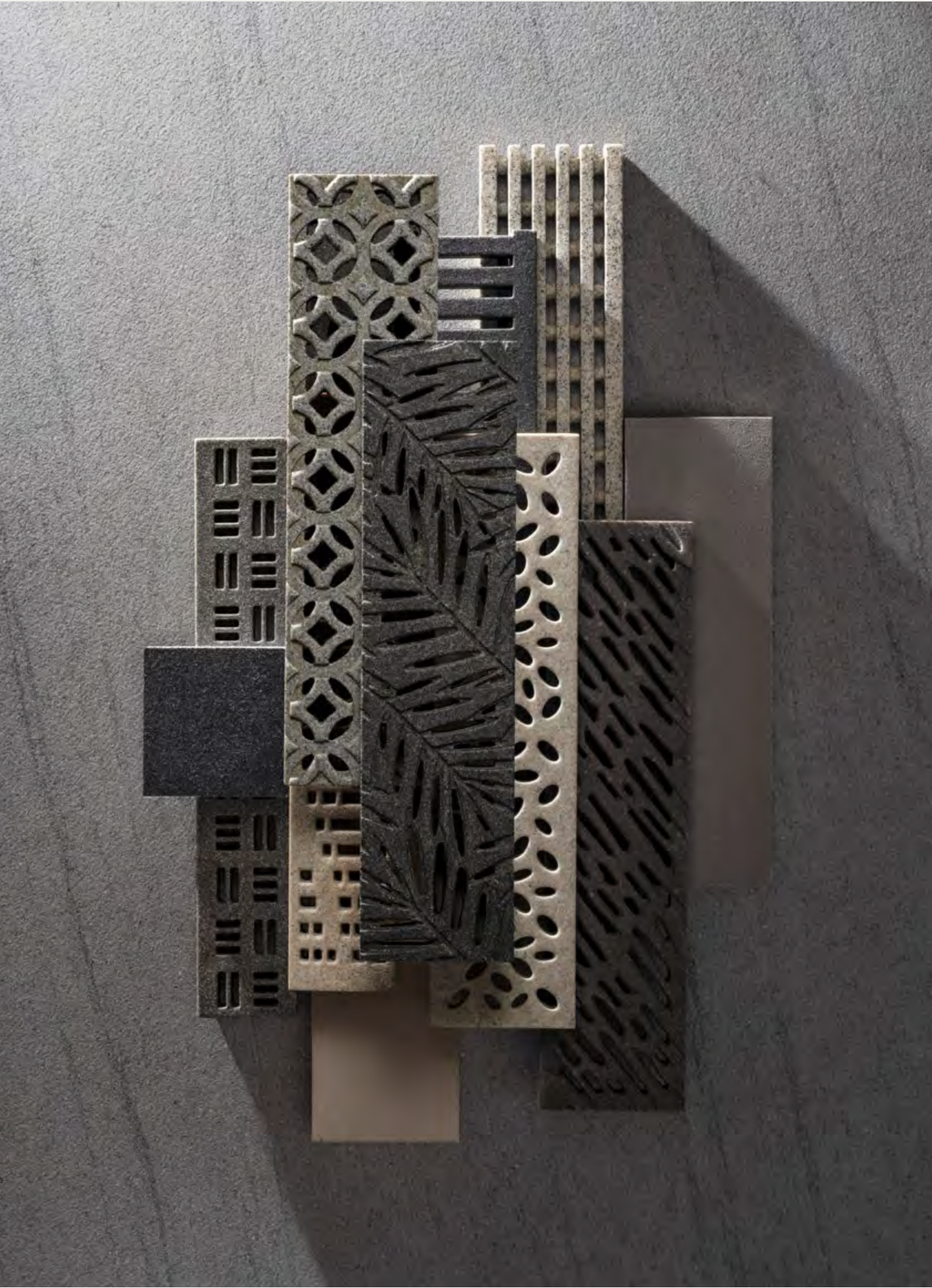
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## Our Story

The spark behind our company and innovative products, historical innovation, and how Jonite’s journey has resulted in being a partner of choice for hardscape solutions.

Inspired by the beautiful and magnificent stone castles built during the Middle Ages, we wondered if we could incorporate the rustic appeal of natural stone into durable, functional grates.

Thus began our journey to creating the world’s first reinforced stone grate. After seven years of extensive research and development, we have coupled with intensive industry feedback, culminated in our first commercially-viable reinforced stone gratings launched to the world in 1994. In the years since then, we have continued to partner with architects, developers, and other distinguished customers in hardscape design.

We are striving to create even more durable, more aesthetically appealing, and environmentally friendly reinforced stone grates and panels. Thousands of clients have specified Jonite, chosen for the ultimate marriage of aesthetics and load-bearing performance.

## Our Vision

Your reinforced decorative stone partner, presenting possibilities helping you solve architectural problems with innovative hardscape solutions.

We are your partner in presenting possibilities in helping you solve architectural problems with innovative reinforced stone solutions.

We are your stone hardscape partner that recognizes the transformational potential of a space. Our eye for detail, engaging designs, and dedication to lasting value aid architects to realise their vision. Every day, innovative development efforts are invested following constant feedback to ensure the best possible architectural products are created, with environmental concerns in mind, beauty, naturalness, and strength.

Our vision is to be a preferred brand that inspires architects to create bold and beautiful designs using our stone solutions.

Why Jonite?



Stone Aesthetics

Created from 95% natural aggregates and advanced hybrid polymers, Jonite architectural grates provide a finish which is both luxurious and natural to the touch, enabling architects to create unified designs from grates to street furniture and more.



Slip Resistance

Rough and natural matte surface enables natural slip resistance held up to international classifications. This provides a much-needed and unparalleled safety feature for schools and hospitals.



Sustainability

All Jonite product products comprise at least 30% recycled materials, and our R&D team is constantly working to make our products and manufacturing processes even more sustainable. We are also held up to several sustainability standards in Singapore and the US.



Durability

The unique material properties of Jonite products which prevents rust and corrosion mean they are equally suited to last a lifetime for both indoor and outdoor applications.



Theft Resistant

Conventional steel and cast iron grates and castings are highly susceptible to theft due to rising scrap value worldwide. Jonite hardscape products however, do not pose any value for scrap due to their stone material integrity.



High Performance Properties

Reinforced with specially treated steel frames, Jonite grates provide stunning load bearing performance and are compliant to international load standards. Jonite stone products have high flexural, compressive and impact strength, low water and heat absorption.

Jonite,  
Your Green Partner

Jonite’s commitment to the environment is driven from within its core values of the company’s vision and mission. Our primary aim is to ensure longevity and quality of our products through energy-saving and resource-conserving production.

Our green practices are recognized – Green Label certified under Singapore Environment Council. The Building and Construction Authority(BCA) of Singapore Green Mark recognizes the use of Green Label certified products, and awards Green Mark points for their usage.

Jonite is also the only grates manufacturer to be recognized as a Leader with 4 ticks under the SGBC (Singapore Green Building Council) Architectural Drain Covers category. Products are assessed on their environmental properties and performance through a comprehensive list of assessment criteria covering the five key areas of Energy Efficiency, Water Efficiency, Resource Efficiency, Health & Environmental Protection and Other Green Features. This enables architects to accrue more BCA Green Mark points if they choose to use our reinforced stone trench grates.

Through the LEED® (Leadership in Energy and Environmental Design) green building certification programme, the U.S. Green Building Council is transforming the built environment. As a member of the USGBC and with the usage of recycled content, Jonite satisfies MR Credit 4: Recycled Content under LEED®. The LEED® Green Building Rating System is the nationally accepted benchmark for the design, construction and operation of high performance green building in the United States.





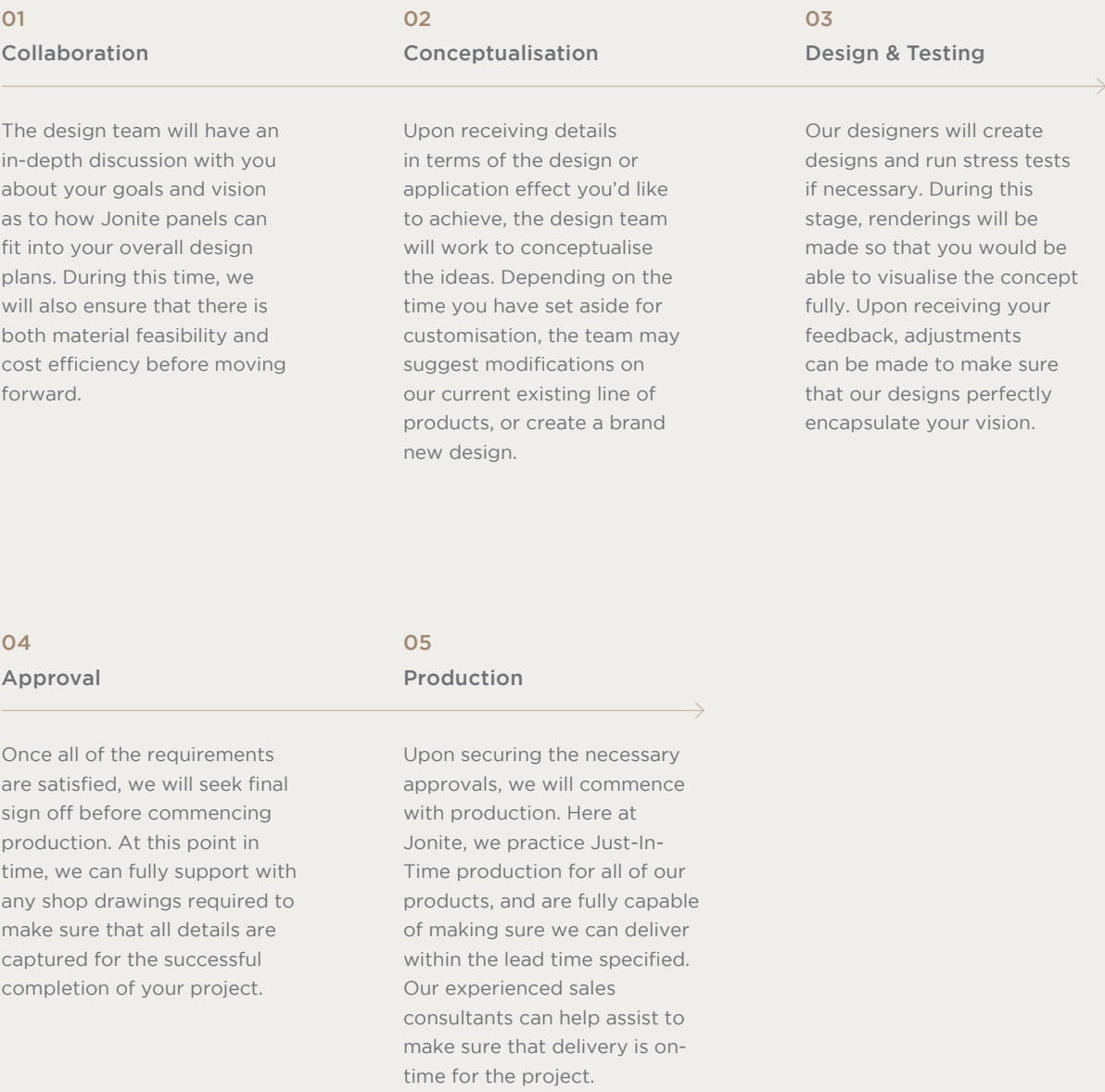
## Custom Design Solutions

Jonite’s Design Department comprises of a team of creative designers and experienced engineers working in close collaboration with our Research and Development team. With our integrated operations, we bring you a one-stop support service that assists architects all the way from design concept to the final physical product.

- Custom applications
- Tailored load requirements
- Unique patterns and aesthetics
- Colours that match your project
- A plethora of size options



## The Customisation Process







## Customisable Areas

Our design team is dedicated to working hand-in-hand with architects and designers to overcome the constraints of different materials so as to achieve the designs of your visions.



### Applications

We have helped architects create street furniture, ventilation grilles that also serve as a walking platform, decorative shopfront wall panels and more.



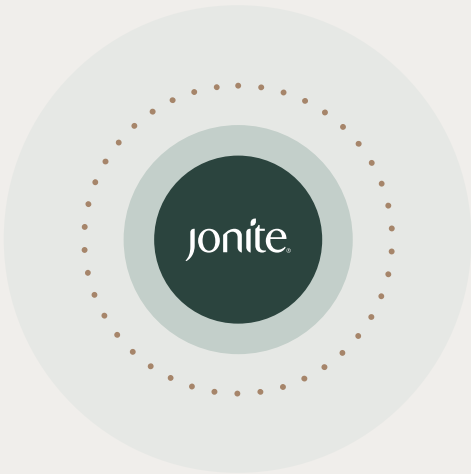
### Load Specifications

Our design team can help suggest ways to reinforce our already-strong grates during the manufacturing process.



### Open Area

You can customise the open areas for our reinforced stone grates so as to fit the design demands for gratings like ventilation grilles.



### Colours & Textures

Our unique composite stone material enables you to choose any hue or texture to perfectly express your creativity.



### Patterns

Be it sleek elegance, or playful modernity, you can achieve the perfect look by choosing to customise the patterns of any of our products.



### Sizes

Have a unique design vision which calls for curved drainage covers or odd shapes or sizes? You can customise any Jonite design to specific dimensions to cut down on construction inefficiencies.



# Colours & Textures

On top of functional features, our team puts special efforts to create the products that work along with your design naturally and aesthetically. We offer a vast range of customised colours for our products, in addition to beautifully curated 16 standard colours by us.

## Customised Colours

### Step 1



Your sample, a reference for us to match, is couriered to Jonite's colour matching facility. Assessed by our specialists, material and colour combinations are calculated so to achieve the closest possible match. A process that can be achieved within two weeks.

### Step 2



Upon completion of the colour matching process, our facility will supply you with three physical samples, different shades of the reference samples for your approval. You will have tangible colour & texture samples of the final product prior to production.

### Step 3



Once the desired shade is selected, production will commence on your products and the unique formula saved for future reference. Through our patented technologies, our products can achieve up to a 90% match (to your reference sample).

## Standard Colours

\*Please note that the samples inherit their core colours from their natural sources, colour may vary slightly from the images shown.

### IVORY WHITE



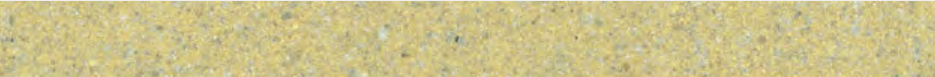
### WACKY WHITE



### ROSY BEIGE



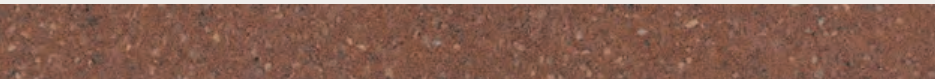
### DESERT BEIGE



### CHAMPAGNE YELLOW



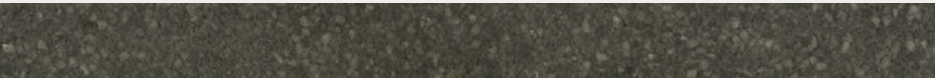
### TERRACOTTA RED



### TEAK BROWN



### MOCCA BROWN



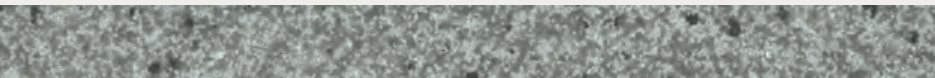
### GRANITE GREY



### ASH GREY



### STEEL GREY



### SLATE GREY



### BAMBOO GREEN



### SMOKY GREEN



### CHARCOAL BLACK



### EBONY BLACK





03

PRODUCTS

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| Ventilation Grilles | 99  |
| Street Benches      | 103 |



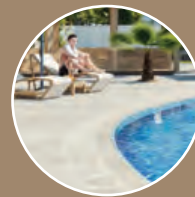
TREE GRATES

Incorporate nature's elements into any modern city and hardscape, in harmony with nature.



BATHROOM GRATES

The world's first reinforced stone bathroom grates are beautifully crafted for both indoors and outdoors.



POOL GRATES

With its natural beauty and suitability superior to natural granite, make for the perfect pool grating.



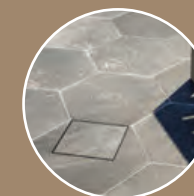
STREET BENCHES

Jonite's versatile panels make the perfect site furnishing, such as street benches.



VENTILATION GRILLES

One of our newest lines of products, the ventilation grate is a natural extension of our existing reinforced stone hardscape products.



FLOOR DRAINS

Jonite's homogenous stone floor drains can match any tile to form a trap cover, achieving desired coherence with functional designs.



SUMP COVERS

Add the natural modern stone aesthetic to your designs for point drainage systems.



TRENCH GRATES

Natural reinforced stone trench grates, a modern finish that complements any city's hardscape.





03

PRODUCTS



TRENCH GRATES

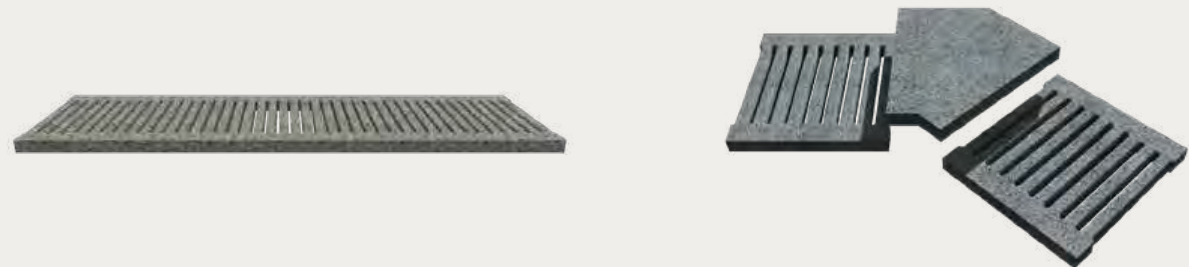
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# Trench Grates

## Optional Features and Accessories

Jonite reinforced stone trench grates add a gloss of natural, yet modern finish that complements any city hardscape. The humble drain can now be elevated to match any design style.



### Heel-Guard™ Grates

Heel-Guard™ Grates have slim 6mm slots and small radius fillets to prevent high heels from being caught in the grates. Compliant with Americans with Disabilities Act (ADA) requirements, these are extremely useful for cut-off or scupper drains of the entrance or concourse areas of a building.



### L-Trimmers™

L-Trimmers™ is recommended for gratings built for heavy-duty applications and above. They are designed to provide aesthetic flair as well as the ideal support for all Jonite grates.

### Grate Tiles™

Grate Tiles™ are standard non-perforated solid slabs that have the same material composition and colour as Jonite grates. They are mainly used when a drain encounters an irregular joint or to fill an odd end of a drain.



### Custom Curve Grates

Curve grates are available in any radius and design upon request. All radius in a plan will be consolidated in a full-scale CAD drawing to help minimize the number of custom toolings required.

## GENERAL SPECIFICATIONS

A fundamental hardscape design element of any modern city is the drainage system, which protects against flooding by draining excess water away.

Now, underground drainage systems are designed to cope with frequent storms where any excess water always travels along the planned drainage flow paths to prevent flooding. Drainage systems are carefully planned to factor in the impact the drainage system has on our natural rivers and creeks. We are preventing waste from being washed into rivers and seas.

At Jonite, our reinforced stone channel grates and trench grates have redefined the role of gratings and drain covers in the architecture industry. With Jonite channel gratings and trench gratings, outdoor drain covers are more than functional products – they become a cornerstone in your design. They can become design focal points, inviting the viewer’s eye to follow intricate patterns that open up into the building design.

All products in Jonite trench grates collection are available in exquisite textures and colours. All its trench grates give you the finish of natural stone with the strength to sustain pedestrian and vehicular load performance and durability for a lifetime.

Jonite absorbs much less heat compared to traditional ferrous gratings, making it a more comfortable material to have around the house and in children’s playgrounds. Also, it has dielectric properties equivalent to porcelain, making it an excellent electrical insulator- a significant plus point in times of tropical thunderstorms.

Landscape architects like yourself have used our channel and trench grates for a variety of purposes, such as outdoor drain covers, channel grating along driveways, storm drainage and indoor applications. Aesthetics and functionality in a perfect marriage culminating in Jonite products makes us the natural choice.

## PRODUCT SPECIFICATIONS



- Slip resistant
- Rust & corrosion resistant
- BS EN 124:2015 & 1433:2008 compliant
- Dielectric properties with excellent electric insulator
- Less heat absorbent than traditional ferrous grates
- LEED® (Leadership in Energy and Environmental Design) green building certified

## LOADING SPECIFICATIONS



Class A15 - Class D400





COLLECTION  
SLOTTED

Classic and clean-cut designs in compliance with BS EN 124:2015 that cover a wide range of openings. Suitable for various applications, from scupper indoor and outdoor drains to common house drains and wider drains in parks, commercial and industrial surroundings.



|  |  |  |
|--|--|--|
|  | <b>31110</b><br>Load class<br>Drain width<br>Dimension | <b>S1-125H25LD</b><br>A15<br>75 to 90mm<br>125W x 500L x 25mm (t)    |
|  | <b>31111</b><br>Load class<br>Drain width<br>Dimension | <b>S1-125H25HD</b><br>B125<br>75 to 85mm<br>125W x 500L x 25mm (t)   |
|  | <b>31112</b><br>Load class<br>Drain width<br>Dimension | <b>C1-210H25LD</b><br>A15<br>128 to 170mm<br>210W x 500L x25mm (t)   |
|  | <b>31113</b><br>Load class<br>Drain width<br>Dimension | <b>C1-210H35HD</b><br>B125<br>128 to 160mm<br>210W x 500L x 35mm (t) |

|  |  |  |
|--|--|--|
|  | <b>31114</b><br>Load class<br>Drain width<br>Dimension | <b>C2-292H25LD</b><br>A15<br>210 to 242mm<br>292W x 500L x 25mm (t)  |
|  | <b>31115</b><br>Load class<br>Drain width<br>Dimension | <b>C2-292H35HD</b><br>B125<br>210 to 232mm<br>292W x 500L x 35mm (t) |
|  | <b>31116</b><br>Load class<br>Drain width<br>Dimension | <b>C3-355H25LD</b><br>A15<br>273 to 305mm<br>355W x 500L x 25mm (t)  |
|  | <b>31117</b><br>Load class<br>Drain width<br>Dimension | <b>C3-355H35HD</b><br>B125<br>273 to 295mm<br>355W x 500L x 35mm (t) |



|   |  |  |
|---|--|--|
|    | <b>31118</b><br>Load class<br>Drain width<br>Dimension | <b>C4-435H35LD</b><br>A15<br>345 to 385mm<br>435W x 420L x 35mm (t)  |
|    | <b>31119</b><br>Load class<br>Drain width<br>Dimension | <b>C4-435H50HD</b><br>B125<br>345 to 375mm<br>435W x 420L x 50mm (t) |
|    | <b>31120</b><br>Load class<br>Drain width<br>Dimension | <b>C5-500H35LD</b><br>A15<br>400 to 450mm<br>500W x 365L x 35mm (t)  |
|   | <b>31121</b><br>Load class<br>Drain width<br>Dimension | <b>C5-500H50HD</b><br>B125<br>400 to 440mm<br>500W x 365L x 50mm (t) |
|  | <b>34119C</b><br>Load class<br>Suitable for            | <b>90° S1-H25LD</b><br>A15<br>Standard S1-125H25LD                   |
|  | <b>34120C</b><br>Load class<br>Suitable for            | <b>90° S1-H25HD</b><br>B125<br>Standard S1-125H25HD                  |
|  | <b>34110C</b><br>Load class<br>Suitable for            | <b>90° C1-H25LD</b><br>A15<br>Standard C1-210H25LD                   |

|   |   |   |
|---|---|---|
|    | <b>34111C</b><br>Load class<br>Suitable for | <b>90° C1-H35HD</b><br>B125<br>Standard C1-210H35HD |
|    | <b>34113C</b><br>Load class<br>Suitable for | <b>90° C2-H25LD</b><br>A15<br>Standard C2-292H25LD  |
|    | <b>34114C</b><br>Load class<br>Suitable for | <b>90° C2-H35HD</b><br>B125<br>Standard C2-292H35HD |
|   | <b>34116C</b><br>Load class<br>Suitable for | <b>90° C3-H25LD</b><br>A15<br>Standard C3-355H25LD  |
|  | <b>34117C</b><br>Load class<br>Suitable for | <b>90° C3-H35HD</b><br>B125<br>Standard C3-355H35HD |
|  | <b>34133C</b><br>Load class<br>Suitable for | <b>90° C4-H35LD</b><br>A15<br>Standard C4-435H35LD  |
|  | <b>34134C</b><br>Load class<br>Suitable for | <b>90° C4-H50HD</b><br>B125<br>Standard C4-435H50HD |



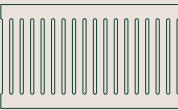
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|    | <div>34135C</div> <div>Load class</div> <div>Suitable for</div> | <div>90° C5-H35LD</div> <div>A15</div> <div>Standard C5-500H35LD</div>               |
|    | <div>34136C</div> <div>Load class</div> <div>Suitable for</div> | <div>90° C5-H50HD</div> <div>B125</div> <div>Standard C5-500H50HD</div>              |
|    | <div>34121C</div> <div>Dimension</div>                          | <div>L-TRIMMER-25LD</div> <div>60W x 500L x 35mm (t)</div>                           |
|   | <div>34122C</div> <div>Dimension</div>                          | <div>L-TRIMMER-35HD/EHD</div> <div>60W x 500L x 50mm (t)</div>                       |
|  | <div>34126C</div> <div>Dimension</div>                          | <div>L-SLIM-TRIMMER-25LD/HD</div> <div>40W x 500L x 35mm (t)</div>                   |
|  | <div>34127C</div> <div>Dimension</div>                          | <div>TS-50-LD (Tile-Strip)</div> <div>50W x 500L x 10mm (t)</div>                    |
|  | <div>34129C</div> <div>Load class</div> <div>Dimension</div>    | <div>GT-400H25LD (Grate-Tile)</div> <div>A15</div> <div>400W x 400L x 25mm (t)</div> |

|   |  |   |
|---|--|---|
|  | <div>34131C</div> <div>Load class</div> <div>Dimension</div> | <div>GT-400H35HD (Grate-Tile)</div> <div>B125</div> <div>400W x 400L x 35mm (t)</div> |
|  | <div>34130C</div> <div>Load class</div> <div>Dimension</div> | <div>GT-500H25LD (Grate-Tile)</div> <div>A15</div> <div>500W x 500L x 25mm (t)</div>  |
|  | <div>34132C</div> <div>Load class</div> <div>Dimension</div> | <div>GT-500H35HD (Grate-Tile)</div> <div>B125</div> <div>500W x 500L x 35mm (t)</div> |



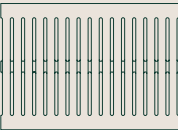
COLLECTION  
HIGH  
PERFORMANCE

Specially designed for heavy loading applications such as car-park entrances, hard-standing areas, driveways and kerb sides. L-Trimmers are recommended to ensure a flat and level seating of gratings.



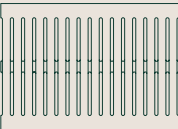
**32113**  
Load class  
Drain width  
Dimension

**C2-292H50CHD**  
D400  
210 to 230mm  
292W x 500L x 50mm (t)



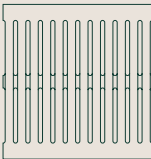
**32114**  
Load class  
Drain width  
Dimension

**C3-355H50EHD**  
C250  
273 to 285mm  
355W x 500L x 50mm (t)



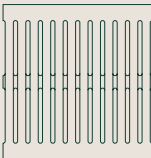
**32115**  
Load class  
Drain width  
Dimension

**C3-355H75CHD**  
D400  
273 to 285mm  
355W x 500L x 75mm (t)



**32116**  
Load class  
Drain width  
Dimension

**C4-435H70EHD**  
C250  
345 to 365mm  
435W x 420L x 70mm (t)



**32125**  
Load class  
Drain width  
Dimension

**C4-435H75CHD**  
D400  
345 to 365mm  
435W x 420L x 75mm (t)



**32117**  
Load class  
Drain width  
Dimension

**D1-167H35EHD**  
C250  
100 to 117mm  
167W x 750L x 35mm (t)



**32118**  
Load class  
Drain width  
Dimension

**D1-167H50CHD**  
D400  
100 to 117mm  
167W x 750L x 50mm (t)



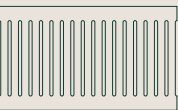
**32110**  
Load class  
Drain width  
Dimension

**C1-210H35EHD**  
C250  
128 to 150mm  
210W x 500L x 35mm (t)



**32111**  
Load class  
Drain width  
Dimension


**C1-210H50CHD**  
D400  
128 to 150mm  
210W x 500L x 50mm (t)



**32112**  
Load class  
Drain width  
Dimension

**C2-292H35EHD**  
C250  
210 to 230mm  
292W x 500L x 35mm (t)



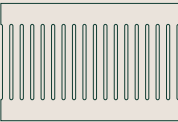
|   |  |   |
|---|--|---|
|    | <b>32121</b><br>Load class<br>Drain width<br>Dimension | <b>D3-495H75EHD</b><br>C250<br>395 to 425mm<br>495W x 370L x 75mm (t) |
|    | <b>32122</b><br>Load class<br>Drain width<br>Dimension | <b>D3-495H75CHD</b><br>D400<br>395 to 425mm<br>495W x 370L x 75mm (t) |
|    | <b>32123</b><br>Load class<br>Drain width<br>Dimension | <b>BW1-260H50EHD</b><br>C250<br>200mm<br>260W x 500L x 50mm (t)       |
|   | <b>32124</b><br>Load class<br>Drain width<br>Dimension | <b>BW2-400H50EHD</b><br>C250<br>330mm<br>400W x 500L x 50mm (t)       |
|  | <b>34112C</b><br>Load class<br>Suitable for            | <b>90° C1-H35EHD</b><br>C250<br>Standard C1-210H35EHD                 |
|  | <b>34115C</b><br>Load class<br>Suitable for            | <b>90° C2-H35EHD</b><br>C250<br>Standard C2-292H35EHD                 |
|  | <b>34118C</b><br>Load class<br>Suitable for            | <b>90° C3-H50EHD</b><br>C250<br>Standard C3-355H50EHD                 |

|   |                            |   |
|---|----------------------------|---|
|    | <b>34122C</b><br>Dimension | <b>L-TRIMMER-35HD/EHD</b><br>60W x 500L x 50mm (t)        |
|    | <b>34123C</b><br>Dimension | <b>L-TRIMMER-50EHD/CHD</b><br>65W x 500L x 65mm (t)       |
|    | <b>34124C</b><br>Dimension | <b>L-TRIMMER-70EHD/CHD</b><br>65W x 420L x 85mm (t)       |
|   | <b>34125C</b><br>Dimension | <b>L-TRIMMER-75EHD/CHD</b><br>65W x 500L x 90mm (t)       |
|  | <b>34128C</b><br>Dimension | <b>TS-50-HD/EHD (Tile-Strip)</b><br>50W x 500L x 15mm (t) |



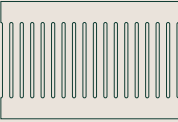
COLLECTION  
READY-CUT

Designed for replacement purposes without any form of construction work on existing drains. The longitudinal side of the gratings has a wider edging so that they can be cut to attain the required widths.



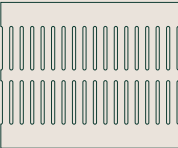
**33114**  
Load class  
Drain width  
Dimension

**CC2-330H35HD**  
B125  
233 to 270mm  
330W x 500L x 35mm (t)



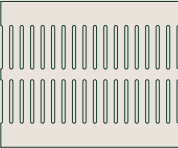
**33115**  
Load class  
Drain width  
Dimension

**CC2-330H50EHD**  
C250  
223 to 260mm  
330W x 500L x 50mm (t)



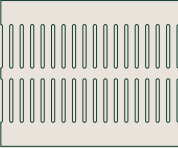
**33116**  
Load class  
Drain width  
Dimension

**CC3-410H35LD**  
A15  
225 to 360mm  
410W x 500L x 35mm (t)



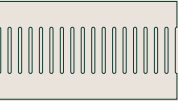
**33117**  
Load class  
Drain width  
Dimension

**CC3-410H35HD**  
B125  
296 to 350mm  
410W x 500L x 35mm (t)



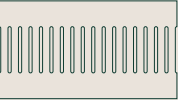
**33118**  
Load class  
Drain width  
Dimension

**CC3-410H50EHD**  
C250  
286 to 340mm  
410W x 500L x 50mm (t)



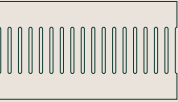
**33110**  
Load class  
Drain width  
Dimension

**CC1-275H25LD**  
A15  
171 to 225mm  
275W x 500L x 25mm (t)



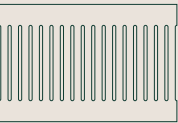
**33111**  
Load class  
Drain width  
Dimension

**CC1-275H35HD**  
B125  
161 to 215mm  
275W x 500L x 35mm (t)



**33112**  
Load class  
Drain width  
Dimension

**CC1-275H35EHD**  
C250  
161 to 205mm  
275W x 500L x 35mm (t)



**33113**  
Load class  
Drain width  
Dimension

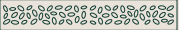


**CC2-330H25LD**  
A15  
243 to 280mm  
330W x 500L x 25mm (t)



COLLECTION

PATTERN

Creative and imaginative designs for enhanced aesthetic flair while maintaining load strength. Available in 2 standard designs: ornate Keyholes and contemporary Baby Pebbles.

|   |  |  |
|---|--|--|
|    | <div>U33115</div> <div>Load class6KN</div> <div>Drain width52 to 54mm</div> <div>Dimension78W x 610L x 21/25mm (t)</div> | <div>MG-PEBBLES-78</div> <div>6KN</div> <div>52 to 54mm</div> <div>78W x 610L x 21/25mm (t)</div>    |
|    | <div>61115</div> <div>Load class6KN</div> <div>Drain width56 to 62mm</div> <div>Dimension86W x 498L x 23mm (t)</div>     | <div>BABY PEBBLES-86</div> <div>6KN</div> <div>56 to 62mm</div> <div>86W x 498L x 23mm (t)</div>     |
|   | <div>61116</div> <div>Load class6KN</div> <div>Drain width80 to 100mm</div> <div>Dimension122W x 498L x 19mm (t)</div>   | <div>BABY PEBBLES-122</div> <div>6KN</div> <div>80 to 100mm</div> <div>122W x 498L x 19mm (t)</div>  |
|  | <div>U32115</div> <div>Load class6KN</div> <div>Drain width92 to 100mm</div> <div>Dimension124W x 500L x 19mm (t)</div>  | <div>TG-PEBBLES-124</div> <div>6KN</div> <div>92 to 100mm</div> <div>124W x 500L x 19mm (t)</div>    |
|  | <div>61111</div> <div>Load class6KN</div> <div>Drain width100 to 125mm</div> <div>Dimension150W x 500L x 25mm (t)</div>  | <div>BABY PEBBLES-150</div> <div>6KN</div> <div>100 to 125mm</div> <div>150W x 500L x 25mm (t)</div> |
|  | <div>61112</div> <div>Load class6KN</div> <div>Drain width160 to 170mm</div> <div>Dimension210W x 500L x 25mm (t)</div>  | <div>BABY PEBBLES-210</div> <div>6KN</div> <div>160 to 170mm</div> <div>210W x 500L x 25mm (t)</div> |



|   |   |  |
|---|---|--|
|   | <div>61113</div> <div>Load class6KN</div> <div>Drain width245 to 260mm</div> <div>Dimension300W x 500L x 35mm (t)</div> | <div>BABY PEBBLES-300</div> <div>6KN</div> <div>245 to 260mm</div> <div>300W x 500L x 35mm (t)</div> |
|  | <div>61117</div> <div>Load classA15</div> <div>Drain width92 to 100mm</div> <div>Dimension122W x 498L x 22mm (t)</div>  | <div>KEYHOLES-122</div> <div>A15</div> <div>92 to 100mm</div> <div>122W x 498L x 22mm (t)</div>      |
|  | <div>U32112</div> <div>Load classA15</div> <div>Drain width92 to 100mm</div> <div>Dimension124W x 500L x 22mm (t)</div> | <div>TG-KEYHOLES-124</div> <div>A15</div> <div>92 to 100mm</div> <div>124W x 500L x 22mm (t)</div>   |
|  | <div>61118</div> <div>Load class6KN</div> <div>Drain width250mm</div> <div>Dimension300W x 500L x 28mm (t)</div>        | <div>KEYHOLES-300</div> <div>6KN</div> <div>250mm</div> <div>300W x 500L x 28mm (t)</div>            |





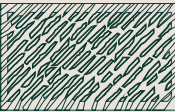
COLLECTION  
AVANT-GARDE

Abstract and innovative designs reminiscent of rain motifs for a futuristic and non-traditional finish.



**64115**  
Load class 6KN  
Drain width 92 to 100mm  
Dimension 122W x 498L x 22mm (t)

**CHISELED-122**



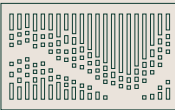
**64116**  
Load class 6KN  
Drain width 250mm  
Dimension 300W x 500L x 28mm (t)

**CHISELED-300**



**U32110**  
Load class A15  
Drain width 92 to 100mm  
Dimension 124W x 500L x 22mm (t)

**TG-CHISELED-124**



**64114**  
Load class A15  
Drain width 250mm  
Dimension 300W x 500L x 25mm (t)

**RAIN-SWING-300**



COLLECTION  
NATURE

Created with floral and leaf-inspired designs for a stylish tropical resort touch, that allows the gratings to blend in more aesthetically with different landscapes and architecture.



**62111**  
Load class 5KN  
Drain width 210 to 260mm  
Dimension 310W x 335L x 25mm (t)

LEAVES-310



**U32114**  
Load class A15  
Drain width 92 to 100mm  
Dimension 124W x 500L x 22mm (t)

TG-PALM-124



**62112**  
Load class 5KN  
Drain width 250mm  
Dimension 300W x 500L x 25mm (t)

FOREST-300



**62114**  
Load class 6KN  
Drain width 250mm  
Dimension 300W x 500L x 28mm (t)

PALM-300



**62113**  
Load class A15  
Drain width 92 to 100mm  
Dimension 122W x 498L x 22mm (t)




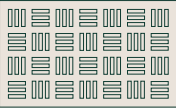

PALM-122




COLLECTION

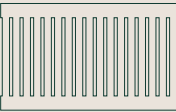
MODERN

Minimalist and clean architectural lines feature strongly in this collection, making it the best match for modern styles. Available in 3 types of designs: Cross-Stitch, Interlace, and Square Slots.

|   |   |  |
|---|---|--|
|    | <div>63115</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div>  | <div>CROSS-STITCH-86</div> <div>A15</div> <div>60mm</div> <div>86W x 498L x 23mm (t)</div>             |
|    | <div>63116</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div>  | <div>CROSS-STITCH-122</div> <div>A15</div> <div>92 to 100mm</div> <div>122W x 498L x 19mm (t)</div>    |
|   | <div>U32111</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div> | <div>TG-CROSS-STITCH-124</div> <div>A15</div> <div>92 to 100mm</div> <div>124W x 500L x 19mm (t)</div> |
|  | <div>63110</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div>  | <div>CROSS-STITCH-300</div> <div>6KN</div> <div>250mm</div> <div>300W x 500L x 25mm (t)</div>          |
|  | <div>U33112</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div> | <div>MG-INTERLACE-78</div> <div>A15</div> <div>52 to 54mm</div> <div>78W x 610L x 21/25mm (t)</div>    |

|   |  |  |
|---|--|--|
|  | <div>63117</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div> | <div>INTERLACE-122</div> <div>A15</div> <div>92 to 100mm</div> <div>122W x 498L x 22mm (t)</div> |
|---|--|--|

|   |   |   |
|---|---|---|
|    | <div>U32113</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div> | <div>TG-INTERLACE-124</div> <div>A15</div> <div>92 to 100mm</div> <div>124W x 500L x 22mm (t)</div>         |
|    | <div>63118</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div>  | <div>INTERLACE-300</div> <div>6KN</div> <div>250mm</div> <div>300W x 500L x 25mm (t)</div>                  |
|    | <div>63119</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div>  | <div>SQUARE-SLOTS-122</div> <div>A15</div> <div>80mm</div> <div>122W x 498L x 19mm (t)</div>                |
|   | <div>U32116</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div> | <div>TG-SQUARE-SLOTS-124LD</div> <div>A15</div> <div>80 to 100mm</div> <div>124W x 500L x 19mm (t)</div>    |
|  | <div>U32117</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div> | <div>TG-SQUARE-SLOTS-124HD</div> <div>B125</div> <div>72 to 82mm</div> <div>124W x 500L x 19/35mm (t)</div> |

|   |  |   |
|---|--|---|
|  | <div>63120</div> <div>Load class</div> <div>Drain width</div> <div>Dimension</div> | <div>SQUARE-SLOTS-300</div> <div>A15</div> <div>250mm</div> <div>300W x 500L x 25mm (t)</div> |
|---|--|---|





03  
PRODUCTS  
→

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| TREE GRATES         |    |
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# Tree Grates

Incorporate nature’s elements into any modern city and hardscape, in harmony with nature. In our concrete jungles today, trees play an essential role not just aesthetically, but also to complement the modern-day drainage system. Complete the look with Jonite reinforced stone tree grates.



## ADA compliant

Complied to the Americans with Disabilities Act (ADA), selected Jonite Tree Grates are certified ADA compliant. This makes our tree grates popular in hospitals, clinics and residential areas.

## Embossed Insignia

With Jonite, you can easily emboss a corporate insignia or municipal logo right onto the tree grates in use in your environment, giving it an exclusive identity to the locale.

## Night Illumination

Jonite Tree Grates allows fully customisable light ports or sockets for the installation of many different types and sizes of lights for night illumination this will add an exciting dimension to the natural beauty of trees.

## Expandable Rings

Some of our tree grates allow for expandability of inner diameter to accommodate the exponential growth of tree trunks during the maturity stage.

## GENERAL SPECIFICATIONS

Trees are essential in landscape planning. They are having positive effects such as reducing urban warming effects, providing shade to pedestrians, and adding a focal point to your driveway.

Tree grates are vital because they help avoid soil compaction and prevent tree roots from becoming obstacles to pedestrians, thus creating more walking space.

Our tree gratings are designed with the promotion of tree protection in mind, allowing rainwater to seep through while having narrow slits to prevent litter from falling through and smothering the soil. Some of our tree grates allow for expandability of inner diameter to accommodate the exponential growth of tree trunks during the maturity stage. Add inner rings when the trees are younger, and remove as the tree matures.

Some of the Jonite tree gratings are certified ADA compliant. Making our tree grates accessible in hospitals, clinics, and public areas as wheelchair users have no issues navigating their way around the grills.

Cast-iron tree grates may be prone to theft. Jonite reinforced stone tree grilles are theft-resistant because they do not pose any value for scrap due to their stone material integrity.

Jonite tree grates have low heat absorption properties to help create a conducive environment for the trees. Using cast-iron or metal can cause surrounding temperatures to soar, which might not promote ideal growth in trees.

Our tree grille designs allow for fully customizable light ports or sockets for the installation of many different types of lighting for night illumination.

We are adding an exciting dimension to the natural beauty of trees. Efficiently emboss a corporate insignia or municipal logo right onto the tree grates in your environment, giving an exclusive identity to the locale.

We also incorporate the use of at least 30% recycled content in our products, including our tree grates. This process is our commitment to contributing to a sustainable and green environment.

## PRODUCT SPECIFICATIONS

↓  
ADA (Americans with Disabilities Act) compliant for selected models

Fully customizable light ports and logos

Suitable for any tree

Expandable inner diameter to allow for future tree growth

## LOADING SPECIFICATIONS

↓  
5KN

Strictly for pedestrian application only








COLLECTION  
FIREWORK

One of the most popular patterns available, this collection has broad profile openings with design patterns resembling enchanting bursts of fireworks. Optional reducers can also be used to adjust the inner diameter of the tree-wells.



|   |   |   |
|---|---|---|
|  | <b>81110</b><br>Inner Well<br>Dimension | <b>FIREWORK S1000</b><br>545mm Dia.<br>1000W x 1000L x 30mm (t) |
|  | <b>81111</b><br>Inner Well<br>Dimension | <b>FIREWORK S1100</b><br>600mm Dia.<br>1100W x 1100L x 30mm (t) |
|  | <b>81112</b><br>Inner Well<br>Dimension | <b>FIREWORK S1200</b><br>600mm Dia.<br>1200W x 1200L x 30mm (t) |

|   |   |  |
|---|---|--|
|    | <b>81113</b><br>Inner Well<br>Dimension | <b>FIREWORK S1500 (w/ light ports)</b><br>600mm Dia.<br>1500W x 1500L x 30mm (t) |
|    | <b>81117</b><br>Inner Well<br>Dimension | <b>FIREWORK S1800/600</b><br>600mm Dia.<br>1800W x 1800L x 30mm (t)              |
|    | <b>81118</b><br>Inner Well<br>Dimension | <b>FIREWORK S1800/750</b><br>750mm Dia.<br>1800W x 1800L x 30mm (t)              |
|   | <b>81115</b><br>Inner Well<br>Dimension | <b>FIREWORK R1500</b><br>600mm Dia.<br>1500mm Dia. x 30mm (t)                    |
|  | <b>81119</b><br>Inner Well<br>Dimension | <b>FIREWORK R1800/600</b><br>600mm Dia.<br>1800mm Dia. x 30mm (t)                |
|  | <b>81120</b><br>Inner Well<br>Dimension | <b>FIREWORK R1800/750</b><br>750mm Dia.<br>1800mm Dia. x 30mm (t)                |



COLLECTION  
CONCENTRIC

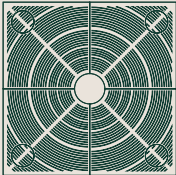
This collection has the maximum expandability of tree-wells, with a comprehensive combination that allows for various formations. A modern ADA-compliant design with light ports and an optional fixed cover.



|   |   |  |
|---|---|--|
|  | <b>83110</b><br>Inner Well<br>Dimension | <b>CONCENTRIC S800</b><br>350mm Dia. (expandable)<br>800W x 800L x 30mm (t)    |
|  | <b>83113</b><br>Inner Well<br>Dimension | <b>CONCENTRIC S1000</b><br>350mm Dia. (expandable)<br>1000W x 1000L x 30mm (t) |

|   |   |  |
|---|---|--|
|  | <b>83116</b><br>Inner Well<br>Dimension | <b>CONCENTRIC S1200</b><br>350mm Dia. (expandable)<br>1200W x 1200L x 30mm (t) |
|---|---|--|

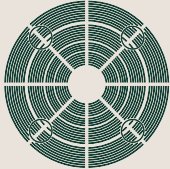
|   |   |  |
|---|---|--|
|  | <b>83119</b><br>Inner Well<br>Dimension | <b>CONCENTRIC S2000</b><br>600mm Dia. (expandable)<br>2000W x 2000L x 30mm (t) |
|---|---|--|

|   |   |   |
|---|---|---|
|  | <b>83120</b><br>Inner Well<br>Dimension | <b>CONCENTRIC S2000 (w/ light port covers)</b><br>350mm Dia. (expandable)<br>2000W x 2000L x 30mm (t) |
|---|---|---|

|   |   |  |
|---|---|--|
|  | <b>83111</b><br>Inner Well<br>Dimension | <b>CONCENTRIC R800</b><br>350mm Dia. (expandable)<br>800mm Dia. x 30mm (t) |
|---|---|--|

|  |   |  |
|--|---|--|
|  | <b>83114</b><br>Inner Well<br>Dimension | <b>CONCENTRIC R1000</b><br>350mm Dia. (expandable)<br>1000mm Dia. x 30mm (t) |
|--|---|--|

|   |   |  |
|---|---|--|
|  | <b>83117</b><br>Inner Well<br>Dimension | <b>CONCENTRIC R1200</b><br>350mm Dia. (expandable)<br>1200mm Dia. x 30mm (t) |
|---|---|--|

|   |   |   |
|---|---|---|
|  | <b>83121</b><br>Inner Well<br>Dimension | <b>CONCENTRIC R2000 (w/ light port covers)</b><br>350mm Dia. (expandable)<br>2000mm Dia. x 30mm (t) |
|---|---|---|



COLLECTION  
WHEEL

The axle of the wheel inspired these elegant designs. Optional reducers can be used to accommodate the expandability of the tree-well. They can be used individually or as a combined set for a smaller tree-well.

|   |   |  |
|---|---|--|
|    | <b>85113</b><br>Inner Well<br>Dimension | <b>WAGON WHEEL REDUCER R800</b><br>500mm Dia.<br>800mm Dia. x 30mm (t) |
|    | <b>85112</b><br>Inner Well<br>Dimension | <b>WAGON WHEEL R1800</b><br>800mm Dia.<br>1800mm Dia. x 30mm (t)       |
|   | <b>85110</b><br>Inner Well<br>Dimension | <b>FIRE WHEEL R1000</b><br>400mm Dia.<br>1000mm Dia. x 30mm (t)        |
|  | <b>85111</b><br>Inner Well<br>Dimension | <b>FIRE WHEEL R2000</b><br>1000mm Dia.<br>2000mm Dia. x 30mm (t)       |
|  | <b>87110</b><br>Inner Well<br>Dimension | <b>BURNING SUN R1200</b><br>400mm Dia.<br>1200mm Dia. x 30mm (t)       |
|  | <b>87113</b><br>Inner Well<br>Dimension | <b>BURNING SUN R2000</b><br>1200mm Dia.<br>2000mm Dia. x 30mm (t)      |



|   |   |   |
|---|---|---|
|  | <b>95110</b><br>Inner Well<br>Dimension | <b>THREAD-BALL R1500</b><br>560mm x 560mm<br>1500mm Dia. x 30mm (t) |
|  | <b>88111</b><br>Inner Well<br>Dimension | <b>CARRIAGE R1800</b><br>600mm Dia.<br>1800mm Dia. x 30mm (t)       |



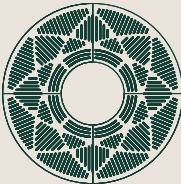


COLLECTION  
STARGRATE

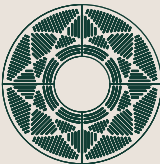
The designs in this collection express an explosion burst that resembles a star. Specific models come with optional light ports and inner ring expandability.



**91110**  
Inner Well  
Dimension  
**STARGRATE R1500**  
700mm Dia.  
1500mm Dia. x 30mm (t)



**91112**  
Inner Well  
Dimension  
**STARGRATE R2000/700**  
700mm Dia.  
2000mm Dia. x 30mm (t)



**91111**  
Inner Well  
Dimension  
**STARGRATE R1800**  
600mm Dia.  
1800mm Dia. x 30mm (t)



**91113**  
Inner Well  
Dimension  
**STARGRATE R2000/980**  
980mm Dia.  
2000mm Dia. x 30mm (t)





COLLECTION  
PEBBLE HOLE

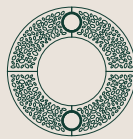
The Pebble Hole Collection comprises of different panels to form a variety of formation, with limited expandability. Well-suited for huge existing trees that are off-centre from the typical tree grate configurations.



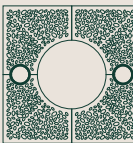
**92116**  
Inner Well  
Dimension  
**PEBBLE-HOLE R1000**  
450mm Dia.  
1000mm Dia. x 30mm (t)



**92117**  
Inner Well  
Dimension  
**PEBBLE-HOLE S1200**  
450mm Dia.  
1200W x 1200L x 30mm (t)



**92118**  
Inner Well  
Dimension  
**PEBBLE-HOLE R1500 (w/ light ports)**  
800mm Dia.  
1500mm Dia. x 30mm (t)



**92119**  
Inner Well  
Dimension  
**PEBBLE-HOLE S1600 (w/ light ports)**  
800mm Dia.  
1600W x 1600L x 30mm (t)



COLLECTION  
LARGE TREE  
GRATE

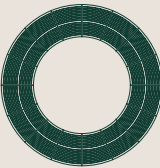
Beautiful reinforced stone grates with expandable tree-well created explicitly for large trees. Available in 2 types of designs: a minimalistic Central design with simple lines and ornate Fallen Leaves.



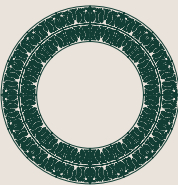
**94110**  
Inner Well  
Dimension  
**FALLEN LEAVES R2000**  
600mm Dia.  
2000mm Dia. x 30mm (t)



**94111**  
Inner Well  
Dimension  
**FALLEN LEAVES R3000**  
2000mm Dia.  
3000mm Dia. x 30mm (t)



**93110**  
Inner Well  
Dimension  
**CENTRICAL R4000**  
2400mm Dia.  
4000mm Dia. x 30mm (t)



**94112**  
Inner Well  
Dimension  
**FALLEN LEAVES R5000**  
3000mm Dia.  
5000mm Dia. x 30mm (t)

COLLECTION  
PANEL GRATE

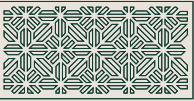
These square and rectangular cut panel grates provide enhanced aesthetic flair. This collection comprises panels in various shapes and sizes to form any formation.



**92112**  
Dimension  
**PEBBLE-HOLE 600**  
600W x 600L x 30mm (t)



**90110**  
Dimension  
**SQUARE MOSAIC 500**  
500W x 500L x 30mm (t)



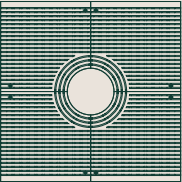
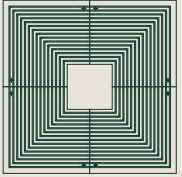
**89110**  
Dimension  
**STARCUT 1200**  
600W x 1200L x 30mm (t)



COLLECTION  
ADA

This wheelchair-friendly collection expands walking space for all pedestrians for greater accessibility. Available to suit a range of themes.

|   |  |   |
|---|--|---|
|    | <b>U41110</b><br>Inner Well<br>Dimension | <b>CHISELED S1200</b><br>390/460/530/600mm Dia.<br>1200W x 1200L x 30mm (t)     |
|    | <b>U41111</b><br>Inner Well<br>Dimension | <b>CHISELED S1500</b><br>390/460/530/600mm Dia.<br>1500W x 1500L x 30mm (t)     |
|   | <b>U42110</b><br>Inner Well<br>Dimension | <b>KEYHOLES S1200</b><br>390/460/530/600mm Dia.<br>1200W x 1200L x 30mm (t)     |
|  | <b>U42111</b><br>Inner Well<br>Dimension | <b>KEYHOLES S1500</b><br>390/460/530/600mm Dia.<br>1500W x 1500L x 30mm (t)     |
|  | <b>U43110</b><br>Inner Well<br>Dimension | <b>CROSS-STITCH S1200</b><br>390/460/530/600mm Dia.<br>1200W x 1200L x 30mm (t) |
|  | <b>U43111</b><br>Inner Well<br>Dimension | <b>CROSS-STITCH S1500</b><br>390/460/530/600mm Dia.<br>1500W x 1500L x 30mm (t) |

|   |  |  |
|---|--|--|
|    | <b>U44110</b><br>Inner Well<br>Dimension | <b>INTERLACE S1200</b><br>390/460/530/600mm Dia.<br>1200W x 1200L x 30mm (t) |
|    | <b>U44111</b><br>Inner Well<br>Dimension | <b>INTERLACE S1500</b><br>390/460/530/600mm Dia.<br>1500W x 1500L x 30mm (t) |
|    | <b>U45110</b><br>Inner Well<br>Dimension | <b>PALM S1200</b><br>390/460/530/600mm Dia.<br>1200W x 1200L x 30mm (t)      |
|   | <b>U45111</b><br>Inner Well<br>Dimension | <b>PALM S1500</b><br>390/460/530/600mm Dia.<br>1500W x 1500L x 30mm (t)      |
|  | <b>U46110</b><br>Inner Well<br>Dimension | <b>SQUARE-SLOTS S1200</b><br>390Wx390L<br>1200W x 1200L x 30mm (t)           |
|  | <b>U46111</b><br>Inner Well<br>Dimension | <b>SQUARE-SLOTS S1500</b><br>390Wx390L<br>1500W x 1500L x 30mm (t)           |





03  
PRODUCTS  
→

| POOL GRATES         |    |
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# Pool Grates

## Optional Features and Accessories

With its natural beauty and suitability superior to natural granite, Jonite swimming pool grates make for the perfect pool grating. We design our pool grates for overflow swimming pools. Pool surface flushes with the overflow tiles and grills, creating a perfect match for water line and nature.



### Handgrip-Trimmers™

Handgrip-Trimmers™ is a safety feature that can be installed along the pool perimeter to allow a safer grip while getting out of a pool.



### Stud Trimmers™

Pools that require more water drainage to prevent splash can use Stud-Trimmers™ with the pool grates to help improve the flow rates of the perimeter drains.



### Grate Tiles™

Grate Tiles™ are standard non-perforated solid slabs that have the same material composition and colour as Jonite grates. They are mainly used when a drain encounters an irregular joint or to fill an odd end of a drain.



### Custom Curve Grates

Curve grates are available in any radius and design upon request. All radius in a plan will be consolidated in a full-scale CAD drawing to help minimize the number of custom toolings required.

## GENERAL SPECIFICATIONS

Swimming pools are no longer seen just as an amenity; today, they are part of an enticing landscape. A swimming pool can make or break an entire hardscape design.

Overflow pools are the most common type of pool in residential and commercial properties. Landscape architects can express their vision by introducing various shapes, colours, and tiles to make something completely different.

Jonite swimming pool gratings bring in natural stone beauty that adds a high-end elegance reminiscent of ancient Greece and luxurious Roman pools. Our capabilities to create custom pool grates upon request help bring your ideas to life.

Our swimming pool grates have excellent natural slip resistance, making it comfortable and safe for both children and adults, especially in frequently wet areas. The small elliptical holes of baby pebbles and thin slit slots of the chiseled rain design collection eliminate the danger of toddlers catching their toes in the grating. Our pool grates are also heat resistant, which makes the gratings more comfortable to step on in the heat of the midday sun.

Our pool gratings have a low water absorption rate of 0.5%. They maintain their colour when in contact with pool water, unlike natural stone slabs, which can discolour when in contact with water. Our pool grates are built using composite reinforcements, ensuring longevity in the swimming pool as it is corrosion-resistant.

We believe in sustainable living and preserving the environment for future generations. It is this belief that drives us in our commitment to using at least 30% recycled content in our products.

## PRODUCT SPECIFICATIONS



Toddler-safe

Colour durability due to low water absorption

Slip-resistant

Heat resistant

Environmentally-friendly

## LOADING SPECIFICATIONS



A15

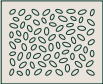
Strictly for pedestrian application only



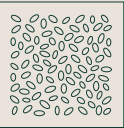


COLLECTION  
BABY PEBBLE

Jonite Baby Pebble Pool Grate Collection consists of 3 standard sizes. Designed to be toddler-friendly, this contemporary collection with small slots will add character to the pool.



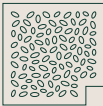
**65110**      **BP245H25**  
Load class      6 KN  
Drain width      190 to 215mm  
Dimension      245W x 300L x 25mm (t)



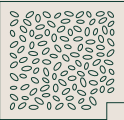
**65111**      **BP300H25**  
Load class      6 KN  
Drain width      240 to 270mm  
Dimension      300W x 300L x 25mm (t)



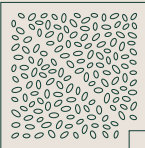
**65112**      **BP350H30**  
Load class      6 KN  
Drain width      280 to 310mm  
Dimension      350W x 300L x 30mm (t)



**67110C**      **90° BP245H25**  
Component      BP Corner-Grate  
Suitable for      BP245H25



**67111C**      **90° BP300H25**  
Component      BP Corner-Grate  
Suitable for      BP300H25



**67112C**      **90° BP350H30**  
Component      BP Corner-Grate  
Suitable for      BP350H30



**67113C**      **BE-BP245H25**  
Component      50mm BLANK-ENDS for BP245H25  
Dimension      245W x 300L x 25mm (t)



**67114C**      **BE-BP300H25**  
Component      50mm BLANK-ENDS for BP300H25  
Dimension      300W x 300L x 25mm (t)



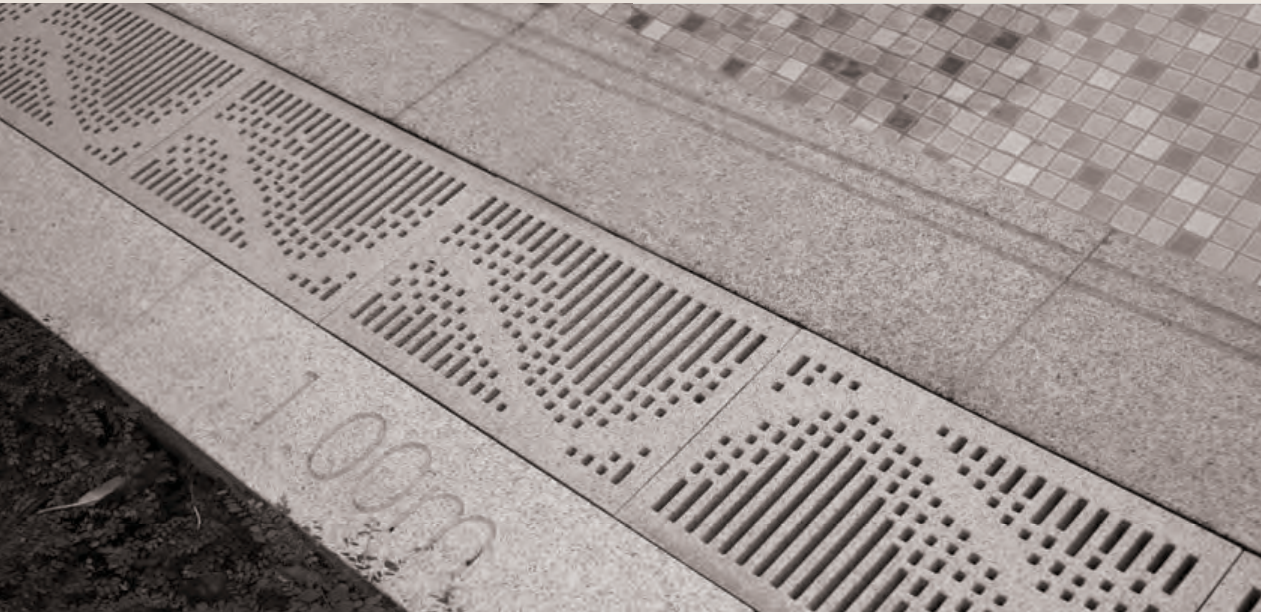
**67115C**      **BE-BP350H30**  
Component      50mm BLANK-ENDS for BP350H25  
Dimension      350W x 300L x 30mm (t)



COLLECTION  
CHISELED RAIN

Available in 3 standard sizes, the Chiseled Rain collection has an avant-garde design that will add a touch of sophistication in your pool designs.

|   |  |   |
|---|--|---|
|    | <b>66110</b><br>Load class<br>Drain width<br>Dimension | <b>CR245H25</b><br>6 KN<br>190 to 215mm<br>245W x 300L x 25mm (t) |
|    | <b>66111</b><br>Load class<br>Drain width<br>Dimension | <b>CR300H25</b><br>6 KN<br>240 to 270mm<br>300W x 300L x 25mm (t) |
|   | <b>66112</b><br>Load class<br>Drain width<br>Dimension | <b>CR350H30</b><br>6 KN<br>280 to 310mm<br>350W x 300L x 30mm (t) |
|  | <b>68110C</b><br>Component<br>Suitable for             | <b>90° CR245H25</b><br>CR Corner-Grate<br>CR245H25                |
|  | <b>68111C</b><br>Component<br>Suitable for             | <b>90° CR300H25</b><br>CR Corner-Grate<br>CR300H25                |
|  | <b>68112C</b><br>Component<br>Suitable for             | <b>90° CR350H30</b><br>CR Corner-Grate<br>CR350H30                |



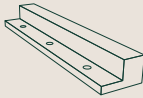
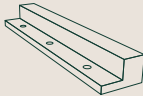
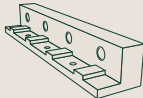
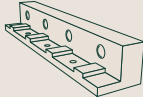
|   |   |  |
|---|---|--|
|   | <b>68113C</b><br>Component<br>Dimension | <b>BE-CR245H25</b><br>50mm BLANK-ENDS for CR245H25<br>245W x 300L x 25mm (t) |
|  | <b>68114C</b><br>Component<br>Dimension | <b>BE-CR300H25</b><br>50mm BLANK-ENDS for CR300H25<br>300W x 300L x 25mm (t) |
|  | <b>68115C</b><br>Component<br>Dimension | <b>BE-CR350H30</b><br>50mm BLANK-ENDS for CR350H30<br>350W x 300L x 30mm (t) |



COLLECTION  
POOL GRATE  
COMPONENTS

These additional components help ease the installation for Jonite pool grates and also provide a bonus of aesthetic flair.

|   |   |  |
|---|---|--|
|    | <b>69110C</b><br>Component<br>Dimension | <b>PGT-400H25</b><br>POOL GRATE-TILE (regular)<br>400W x 400L x 25mm (t) |
|    | <b>69112C</b><br>Component<br>Dimension | <b>PGT-400H30</b><br>POOL GRATE-TILE (regular)<br>400W x 400L x 30mm (t) |
|   | <b>69111C</b><br>Component<br>Dimension | <b>PGT-500H25</b><br>POOL GRATE-TILE (large)<br>500W x 500L x 25mm (t)   |
|  | <b>69113C</b><br>Component<br>Dimension | <b>PGT-500H30</b><br>POOL GRATE-TILE (large)<br>500W x 500L x 30mm (t)   |

|  |  |  |
|--|--|--|
|   | <b>69114C</b><br>Suitable for<br>Dimension | <b>L-TRIMMER 25-PG</b><br>All Pool Grates of 25mm (t)<br>60W x 300L x 35mm     |
|   | <b>69115C</b><br>Suitable for<br>Dimension | <b>L-TRIMMER 30-PG</b><br>All Pool Grates of 30mm (t)<br>60W x 300L x 40mm     |
|   | <b>69116C</b><br>Suitable for<br>Dimension | <b>STUDS-TRIMMER 25-PG</b><br>All Pool Grates of 25mm (t)<br>60W x 300L x 40mm |
|  | <b>69117C</b><br>Suitable for<br>Dimension | <b>STUDS-TRIMMER 30-PG</b><br>All Pool Grates of 30mm (t)<br>60W x 300L x 45mm |



03  
PRODUCTS



|                     |    |
|---------------------|----|
| SUMP COVER          |    |
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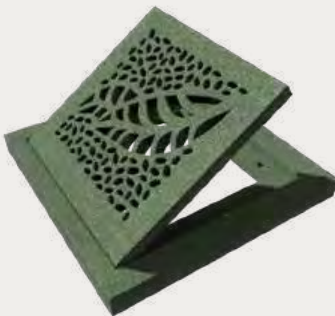




# Sump Cover

## Optional Features and Accessories

Add natural, modern stone aesthetics to your designs for point drainage systems. Our reinforced stone technology ensures that you can incorporate elegant stone into your design while ensuring optimum load strength.



### Custom Lockables

Custom lockable sump covers are available upon request and can be available for all applications and sizes. L-Trimmer Frames™ is optional.



### Custom Hinged

Custom hinged sump covers are available upon request though they are limited to specific applications and sizes. The exposed hinge components are made of stainless steel with weather-proof polyurethane dampers.



### L-Trimmer Frames™

L-Trimmer Frames™ is mainly used for supporting sump covers, especially for heavy-duty applications. They provide a perfectly flat surface and seating allowance to maximise the performance of the sump cover.

### Large Custom Sump Covers

A custom metal supporting frame can be designed to help support large sump covers with multiple panels.

## GENERAL SPECIFICATIONS

The humble sump cover, or maintenance hole cover, first began life in the Roman Empire as slabs of stone or wood placed over point drainage systems that allowed maintenance workers access to covered drains carrying wastewater and sewage.

This omnipresent sump cover is the basis of inspiration for Jonite's designs, in which we aim to showcase the beauty of stone with modern technology and excellent craftsmanship.

Today, point drainage systems are found everywhere in the streets, commercial factory areas, residential areas, and more. Point drains require covers to prevent environmental contamination and prevent accidental falls. With Jonite point drain covers and sump grates, architects no longer face the problem of having to place these openings in inconspicuous areas, but instead can use these catch basin grates as an additional design element.

Lower urban temperatures by choosing Jonite sump covers with low heat absorption compared to traditional metal or cast iron grates. Traditional metal or cast iron grates absorb heat during the day, which can create the urban heat island effect through the raised temperature for surrounding buildings. Jonite sump covers were designed to combat the effects of urban warming, which is rapidly becoming a severe issue for cities in the changing climate.

The unique material properties of Jonite products prevent rust and corrosion such that they are equally suited to last a lifetime for both indoor and outdoor applications. It is also theft-resistant, as Jonite hardscape products do not pose any value for scrap due to their stone material integrity.

Jonite catch basin grates and sump grates come in a wide range of standard sizes that can be assembled with the addition of Jonite splines to form huge covers. This feature gives you the added edge of cost-effectiveness and sustainability. For multiple sump covers, a metal sub-frame may be used. Optional Jonite Trimmer Frames can be used to provide aesthetic flair and high-performance support for the heavy-duty channel and sump grates.

## PRODUCT SPECIFICATIONS

- ↓  
Low heat absorption
- Rust and corrosion resistant
- Extreme strength and durability
- BS EN 124:2015 & 1433:2002 compliant
- Dielectric properties with excellent electric insulator
- Flexible sizes with the use of Jonite splines to form huge covers

## LOADING SPECIFICATIONS

- ↓  
Class A15 - Class D400





COLLECTION

SLOTTED

Sump covers with classic slotted designs in a variety of standard sizes and shapes for quick matches to your designs.



|  |   |  |
|--|---|--|
|  | <b>51110</b><br>Load class<br>Pit Size<br>Dimension | <b>SC300-300H25LD</b><br>A15<br>250 x 250mm<br>300W x 300L x 25mm (t)  |
|  | <b>51111</b><br>Load class<br>Pit Size<br>Dimension | <b>SC300-300H35HD</b><br>B125<br>230 x 230mm<br>300W x 300L x 35mm (t) |
|  | <b>51112</b><br>Load class<br>Pit Size<br>Dimension | <b>SC300-600H25LD</b><br>A15<br>230 x 230mm<br>300W x 600L x 25mm (t)  |

|  |   |  |
|--|---|--|
|  | <b>51113</b><br>Load class<br>Pit Size<br>Dimension | <b>SC300-300H35HD</b><br>B125<br>240 x 540mm<br>300W x 600L x 35mm (t) |
|  | <b>51120</b><br>Load class<br>Pit Size<br>Dimension | <b>SC400-400H35LD</b><br>A15<br>350 x 350mm<br>400W x 400L x 35mm (t)  |
|  | <b>51121</b><br>Load class<br>Pit Size<br>Dimension | <b>SC400-400H35HD</b><br>B125<br>340 x 340mm<br>400W x 400L x 35mm (t) |
|  | <b>51122</b><br>Load class<br>Pit Size<br>Dimension | <b>SC400-500H35LD</b><br>A15<br>350 x 450mm<br>400W x 500L x 35mm (t)  |
|  | <b>51123</b><br>Load class<br>Pit Size<br>Dimension | <b>SC400-500H35HD</b><br>B125<br>340 x 440mm<br>400W x 500L x 35mm (t) |
|  | <b>51124</b><br>Load class<br>Pit Size<br>Dimension | <b>SC420-625H35LD</b><br>A15<br>370 x 575mm<br>420W x 625L x 35mm (t)  |
|  | <b>51125</b><br>Load class<br>Pit Size<br>Dimension | <b>SC420-625H35HD</b><br>B125<br>360 x 565mm<br>420W x 625L x 35mm (t) |



|   |   |  |
|---|---|--|
|    | <b>51126</b><br>Load class<br>Pit Size<br>Dimension | <b>SC435-873H35LD</b><br>A15<br>385 x 823mm<br>435W x 873L x 35mm (t)  |
|    | <b>51127</b><br>Load class<br>Pit Size<br>Dimension | <b>SC435-873H35HD</b><br>B125<br>375 x 813mm<br>435W x 873L x 35mm (t) |
|    | <b>51128</b><br>Load class<br>Pit Size<br>Dimension | <b>SC500-500H35LD</b><br>A15<br>450 x 450mm<br>500W x 500L x 35mm (t)  |
|   | <b>51129</b><br>Load class<br>Pit Size<br>Dimension | <b>SC500-500H35HD</b><br>B125<br>440 x 440mm<br>500W x 500L x 35mm (t) |
|  | <b>51130</b><br>Load class<br>Pit Size<br>Dimension | <b>SC550-550H35LD</b><br>A15<br>500 x 500mm<br>550W x 550L x 35mm (t)  |
|  | <b>51131</b><br>Load class<br>Pit Size<br>Dimension | <b>SC550-550H50HD</b><br>B125<br>490 x 490mm<br>550W x 550L x 50mm (t) |
|  | <b>53110C</b><br>Suitable for                       | <b>TRF300-300H25</b><br>SC300-300H25LD                                 |

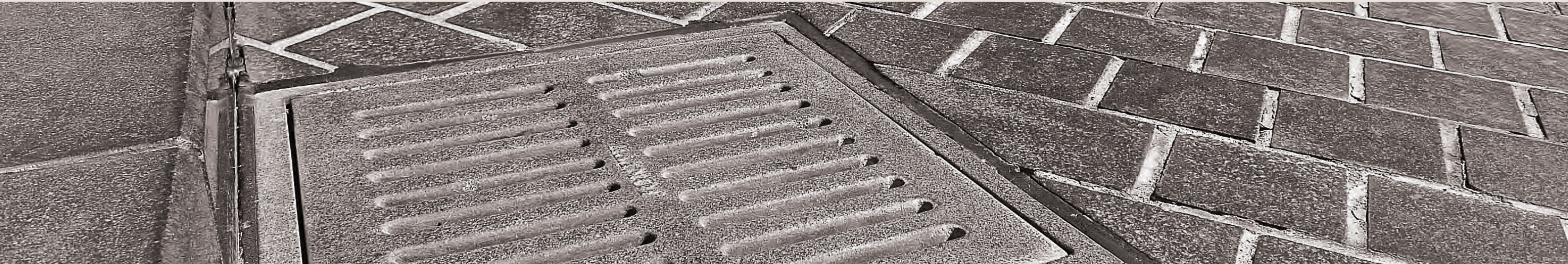
|   |                               |   |
|---|-------------------------------|---|
|    | <b>53111C</b><br>Suitable for | <b>TRF300-300H35</b><br>SC300-300H35HD      |
|    | <b>53112C</b><br>Suitable for | <b>TRF300-600H25</b><br>SC300-600H25LD      |
|    | <b>53113C</b><br>Suitable for | <b>TRF300-600H35</b><br>SC300-600H35HD      |
|   | <b>53114C</b><br>Suitable for | <b>TRF400-400H35</b><br>SC400-400H35LD / HD |
|  | <b>53115C</b><br>Suitable for | <b>TRF500-500H35</b><br>SC500-500H35LD / HD |



COLLECTION

HIGH  
PERFORMANCE

Reinforced stone sump covers, specifically created to withstand heavy vehicular loads up to 400KN. Available in various sizes.



52120

SSC300-600H35EHD

Load classC250

Pit Size230 x 530mm

Dimension300W x 600L x 35mm (t)



52122

SSC400-400H50EHD

Load classC250

Pit Size340 x 340mm

Dimension400W x 400L x 50mm (t)



52121

SSC300-600H50CHD

Load classD400

Pit Size230 x 530mm

Dimension300W x 600L x 50mm (t)



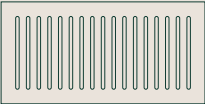
52123

SSC400-400H75CHD

Load classD400

Pit Size330 x 330mm

Dimension400W x 400L x 75mm (t)



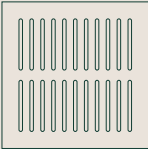
52110

SSC350-700H50EHD

Load classC250

Pit Size280 x 630mm

Dimension350W x 700L x 50mm (t)



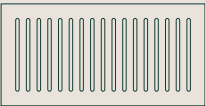
52118

SSC500-500H50EHD

Load classC250

Pit Size430 x 430mm

Dimension500W x 500L x 50mm (t)



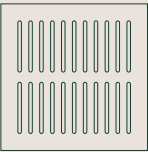
52117

SSC350-700H75CHD

Load classD400

Pit Size280 x 630mm

Dimension350W x 700Lx 75mm (t)



52119

SSC500-500H75CHD

Load classD400

Pit Size430 x 430mm

Dimension500W x 500L x 75mm (t)



COLLECTION  
BASIN GRATES

Perfectly shaped to be compatible with the most common catch basins in the USA, Jonite reinforced stone Basin Grates can be matched to other Jonite products for a seamless finish through your design.



**U31110**  
Load class A15  
Dimension 300W x 300L x 29/32mm (t)

**BG-CHISELED-300**



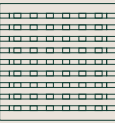
**U31111**  
Load class A15  
Dimension 300W x 300L x 29mm (t)

**BG-CROSS-STITCH-300**



**U31112**  
Load class A15  
Dimension 300W x 300L x 29/32mm (t)

**BG-KEYHOLES-300**



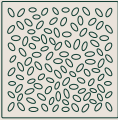
**U31113**  
Load class A15  
Dimension 300W x 300L x 29/32mm (t)

**BG-INTERLACE-300**



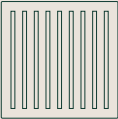
**U31114**  
Load class A15  
Dimension 300W x 300L x 29/32mm (t)

**BG-PALM-300**



**U31115**  
Load class 6KN  
Dimension 300W x 300L x 29mm (t)

**BG-PEBBLES-300**



**U31116**  
Load class A15  
Dimension 300W x 300L x 29mm (t)

**BG-SQUARE-SLOTS-300**





03  
PRODUCTS  
→

BATHROOM  
GRATES

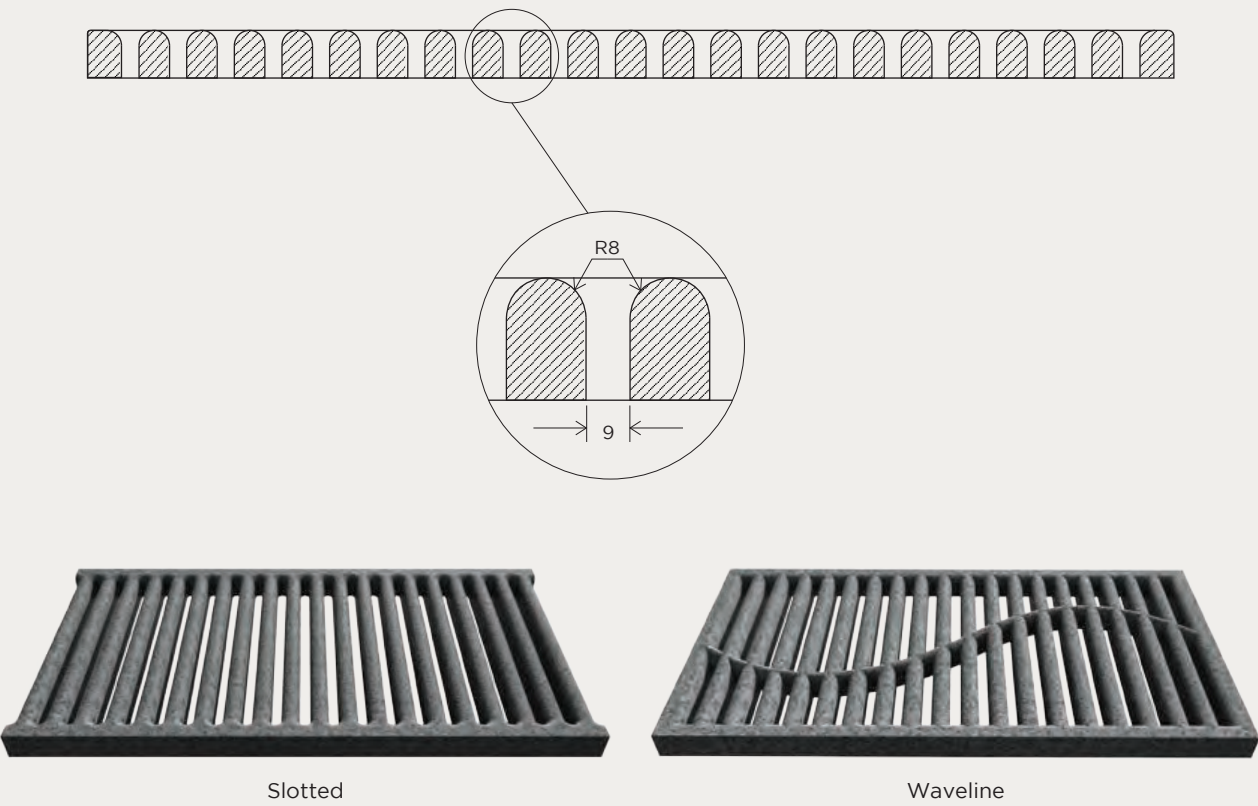
|                     |    |
|---------------------|----|
| General Information | 85 |
| Slotted             | 87 |
| Waveline            | 89 |



# Bathroom Grates

Toilets redefined

Inventors of the world’s first reinforced stone bathroom grates. An aesthetically pleasing and cost-effective alternative to stainless steel grates. More than merely bathroom drain covers, we think of our bathroom gratings as a culmination of ancient history and modern technology. With natural stone textures, Jonite bathroom grates add a modern and elegant flair to public bathrooms.



## Rounded Edge Profiles

With its specially rounded curve profiles, liquids are easily flushed away from the surface of the grates. This prevents any liquids from stagnating on the surface as well as easy cleaning and maintenance. Even with the rounded curve profiles, the matte stone texture still provides natural slip resistance.

## Customisation

Jonite Bathroom Grates comes in two standard designs, the Slotted and the Waveline. They are fully customisable, in terms of colours, designs, sizes and textures, they are all available upon request.

## GENERAL SPECIFICATIONS

Jonite created the world’s first reinforced stone bathroom grates. In the past, the only option for architects when designing drainage coverings for public toilets was stainless steel grates which were expensive and slippery.

Now, countless architects have used Jonite bathroom grates in public bathrooms to create modern, beautiful, hygienic, and safe toilets.

Beautifully crafted and created to drain excess and wastewater effectively, Jonite bathroom grates are used in urinals, cubicles, and even washbasins in public bathrooms. Architects and interior designers choose our reinforced stone toilet gratings because our grates can be blended with the colours of floor tiles to create a seamless finish.

Our bathroom gratings’ rounded curve profiles and matte stone textures also provide slip resistance. Furthermore, Jonite bathroom gratings are easy to maintain without the need for any acid wash and have low water absorption, minimizing the propensity to staining.

Jonite bathroom grates contribute toward satisfying MR Credit 4: Recycled Content under LEED®. The LEED® Green Building Rating System is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings in the U.S.A..

A robust sewerage system for public bathrooms is so essential in providing a comfortable, clean, and pleasant experience for users. More than just serving a sanitation function, we believe that our bathroom and toilet grates are a culmination of ancient history. Stone featured prominently in classical Roman bathrooms and modern technology through the (reinforced) stone.

## PRODUCT SPECIFICATIONS

- ↓  
Natural aesthetics
- Slip-resistant
- Less susceptible to stains
- Easy to maintain
- MR Credit 4: Recycled Content accredited under LEED

## LOADING SPECIFICATIONS

- ↓  
A15
- Strictly for pedestrian application







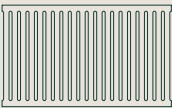
COLLECTION  
SLOTTED

Minimalistic bathroom grate designs that blend in seamlessly with the bathroom floor.



**12110**  
Load class A15  
Drain width 159mm to 164mm  
Dimension 200W x 500L x 25mm (t)

**TGS-200**



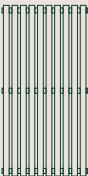
**12113**  
Load class A15  
Drain width 259mm to 264mm  
Dimension 300W x 500L x 25mm (t)

**TGS-300**



**12112**  
Load class A15  
Drain width 209mm to 214mm  
Dimension 250W x 500L x 25mm (t)

**TGS-250**



**12114**  
Load class 6KN  
Drain width 455mm to 464mm  
Dimension 500W x 250L x 30mm (t)

**Bone-500**



COLLECTION

WAVELINE

This waves-inspired collection of bathroom grates lend a modern touch to the bathroom floor for an additional creative aesthetic.



|  |   |   |
|--|---|---|
|  | <p><b>11110</b></p> <p>Load class<br/>Drain width<br/>Dimension</p> | <p><b>WAVELINE-185</b></p> <p>A15<br/>150mm to 155mm<br/>185W x 500L x 20mm (t)</p> |
|  | <p><b>11112</b></p> <p>Load class<br/>Drain width<br/>Dimension</p> | <p><b>WAVELINE-220</b></p> <p>A15<br/>179mm to 184mm<br/>220W x 500L x 25mm (t)</p> |
|  | <p><b>11113</b></p> <p>Load class<br/>Drain width<br/>Dimension</p> | <p><b>WAVELINE-250</b></p> <p>A15<br/>209mm to 214mm<br/>250W x 500L x 25mm (t)</p> |

|  |   |   |
|--|---|---|
|  | <p><b>11114</b></p> <p>Load class<br/>Drain width<br/>Dimension</p> | <p><b>WAVELINE-275</b></p> <p>A15<br/>234mm to 239mm<br/>275W x 500L x 25mm (t)</p> |
|  | <p><b>11115</b></p> <p>Load class<br/>Drain width<br/>Dimension</p> | <p><b>WAVELINE-500</b></p> <p>6KN<br/>459mm to 464mm<br/>500W x 250L x 25mm (t)</p> |



|                     |    |
|---------------------|----|
| <b>FLOOR DRAINS</b> |    |
| General Information | 93 |
| Tile-Up             | 95 |
| Driveway            | 95 |
| Hinged              | 96 |
| Classic             | 97 |
| Modern              | 98 |





# Floor Drains

Floor-bonded

Jonite’s homogenous stone floor drains can match any tile to form a trap cover, achieving desired coherence with functional designs. We aim to continue designing floor drains that blend seamlessly into any flooring.



## Tile-Up™ Collection

Clean, seamless and corrosion-free, our Tile-Up™ Collection uses existing floor tiles with slit gaps as the solution preferred by architects. An alternative to the usual option of raw concrete screeds, unstable covers and untidy holes, the Tile-Up™ Collection is aesthetically pleasing, easy to install and an effective system.



## Classic Collection

The classic collection is exclusive with the use of Jonite stone, durable yet aesthetically pleasing. You will be pampered with a choice of 16 different standard colours or unlimited custom colours.



## Hinged Collection

Do away with the hassle of handling of floor traps; our Hinged Collection is the perfect partner for applications that requires frequent access to the pipes for cleaning.



## Modern Collection

Complete your drain application with style and practicality; our modern collection offers everything except the mundane features of a typical floor trap.



## Odour & Insect Resistant

Jonite floor drains are designed to accommodate PVC strainers and foul-air restrainers to prevent insects and unpleasant odours from arising.

## GENERAL SPECIFICATIONS

Once considered a luxury only for the rich in ancient Rome, the toilet or WC has become a familiar and necessary sight in the modern home. Many designers focus on various fixtures to provide comfort for their clients, but the humble floor drain is often overlooked.

However, adding floor drains and point drains is not only necessary and but also considered a great design because it enables easy toilet maintenance. Stagnant water in the toilets can damage the flooring in the long term and become a hotspot for mosquito breeding in the tropics. Good floor drains can prevent stagnant water from pooling up and can allow for some stains to be cleansed and removed.

Waterproofing is foremost in our floor drain cover designs, as is the prevention of infiltration by insects and foul air. Special PVC strainers and restrainers fitted with our floor drain traps work to achieve a cleaner environment, giving bathroom users a more pleasant and hygienic experience.

Jonite floor drains are engineered to fulfil crucial functions while remaining an integral component of the structural floor. Our most popular series is the Tile Up collection where any tile can be used to create a seamless look and feel throughout the bathroom.

Jonite floor drains are available in a wide range of standard colours developed to assist landscape architects in quickly picking the colour they need. More specialized colours are also possible with our colour customization process, allowing any hue or shade desired.

## PRODUCT SPECIFICATIONS

- ↓  
Modern aesthetics
- Easy to maintain
- Extreme strength and durability
- Prevents foul smells and insects
- Special PVC strainers and restrainers fitted

## LOADING SPECIFICATIONS

- ↓  
5KN
- Strictly for pedestrian application





COLLECTION

TILE-UP

One of our most popular collections amongst interior designers, this collection enables you to use any tile to create a point drain cover with all of Jonite’s floor drain functionalities.

|   |  |  |
|---|--|--|
|  | <div>71111</div> <div>Component</div> <div>Dimension</div> | <div>FTUS-90/100</div> <div>Tile-up Trap (Shower Square)</div> <div>100W x 100L x 22mm (t)</div> |
|  | <div>71110</div> <div>Component</div> <div>Dimension</div> | <div>FTUS-148/158</div> <div>Tile-up Trap (Square)</div> <div>158W x 158L x 30mm (t)</div>       |

COLLECTION

DRIVEWAY

Created specifically for use in driveway drainage, this collection is available in 2 standard designs.

|   |  |  |
|---|--|--|
|  | <div>75110</div> <div>Component</div> <div>Dimension</div> | <div>FHS-158/200HD</div> <div>Driveway Trap (B125)</div> <div>200W x 200L x 45mm (t)</div>             |
|  | <div>75111</div> <div>Component</div> <div>Dimension</div> | <div>FHS-158/200HD Blank</div> <div>Driveway Trap Blank (B125)</div> <div>200W x 200L x 45mm (t)</div> |

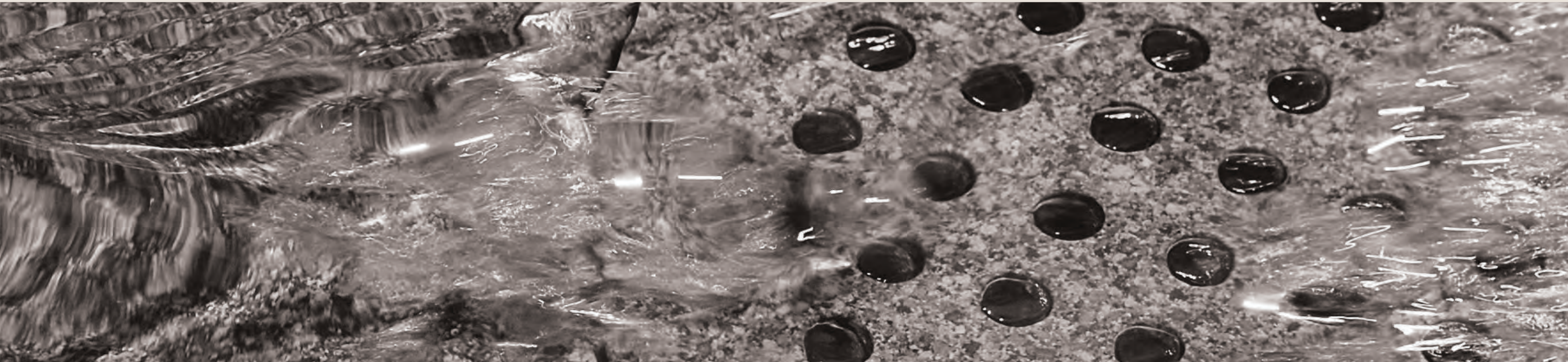
COLLECTION

HINGED

Do away with the hassle of handling of floor traps; our Hinged Collection is the perfect partner for applications that requires frequent access to the pipes for cleaning.

|   |  |   |
|---|--|---|
|    | <div>72113</div> <div>Component</div> <div>Dimension</div> | <div>FHS-125/158</div> <div>Hinged Trap (Square)</div> <div>158W x 158L x 30mm (t)</div>              |
|    | <div>72114</div> <div>Component</div> <div>Dimension</div> | <div>FHS-125/158 Blank</div> <div>Hinged Trap Blank</div> <div>158W x 158L x 30mm (t)</div>           |
|   | <div>72115</div> <div>Component</div> <div>Dimension</div> | <div>FHS-125/158 Dome</div> <div>Hinged Trap Dome</div> <div>158W x 158L x 30(45)mm (t)</div>         |
|  | <div>72110</div> <div>Component</div> <div>Dimension</div> | <div>FHS-125/200</div> <div>Hinged Trap (Large)</div> <div>200W x 200L x 30mm (t)</div>               |
|  | <div>72111</div> <div>Component</div> <div>Dimension</div> | <div>FHS-125/200 Blank</div> <div>Hinged Trap Blank (Large)</div> <div>200W x 200L x 30mm (t)</div>   |
|  | <div>72112</div> <div>Component</div> <div>Dimension</div> | <div>FHS-125/200 Dome</div> <div>Hinged Trap Dome (Large)</div> <div>200W x 200L x 30(45)mm (t)</div> |



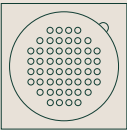


COLLECTION  
CLASSIC

While retaining the features of conventional floor traps, the classic collection is exclusive with the use of Jonite stone, durable yet aesthetically pleasing.



**73112** **FCR90/100 Shower**  
Component Classic Shower Trap (Round)  
Dimension 100mm Dia. x 25mm (t)



**73111** **FCSR-135/158**  
Component Classic Square Trap (with Round cover)  
Dimension 158W x 158L x 30mm (t)



**73110** **FCR-145/165**  
Component Classic Round Trap  
Dimension 165mm Dia. x 30mm (t)

COLLECTION  
MODERN

The modern collection of floor drains complement minimalist designs while retaining its functionality and durability.



**74110** **FMAS-135/158**  
Component Modern Americ Square  
Dimension 158W x 158L x 30mm (t)



**74111** **FMAR-145/165**  
Component Modern Americ Round  
Dimension 165mm Dia. x 30mm (t)



**74112** **FMSR-145/165**  
Component Modern Slotted  
Dimension 165mm Dia. x 30mm (t)





03  
PRODUCTS  
→

|                        |     |
|------------------------|-----|
| VENTILATION<br>GRILLES |     |
| Forest                 | 101 |
| General Information    | 102 |



# Ventilation Grilles

One of our newest lines of products, the ventilation grate is a natural extension of our existing reinforced stone hardscape products. Ventilation can now be beautiful and multi-purpose, enabled by our highly customizable designs and excellent load-bearing strength.



**COLLECTION**  
**FOREST**

Inject tropical vibes into your design with this collection of reinforced stone ventilation grilles inspired by the forest.



**65110**  
**FOREST-VG-300**  
Drain width 250mmW (max.)  
Dimension 300W x 500L x 25mm (t)



**6511**  
**FOREST-VG-445**  
Drain width 385mmW (max.)  
Dimension 445W x 490L x 35mm (t)

**GENERAL**  
**SPECIFICATIONS**

Ventilation is of primary concern to architects. When designed well, it can make a building come alive and can help building owners achieve green energy savings through improved ventilation. Every building design is unique. Therefore the Net Free Area requirements for ventilation grilles can vary vastly.

Here at Jonite, with over 20 years of experience in the materials industry partnering with landscape architects, we understand this deeply. All of our decorative ventilation grilles can be customized to fit your requirements for open area percentage of ventilation, span, or design.

Traditional metal ventilation grilles are typically highly functional but non-decorative. We design our ventilation grilles with the aspiration of bringing an exciting alternative to aluminium or metallic alloy ventilation grilles through the introduction of beautiful reinforced stone products.

Architects can expand their hardscape, and urban designs to anywhere their imagination bring them. Ventilation grilles no longer need to be hidden, concealed, or minimized- but can become an entire design highlight or blended into the other hardscape design elements.

Leveraging on Jonite ventilation grilles' excellent load-bearing strength, architects can now incorporate ventilation in other applications that were not possible in the past. Architects have used the power of our grates to circumvent safety issues of ventilation being situated directly above the basement car parks. Other architects have used Jonite custom ventilation grilles for multiple purposes as both ventilation and a walking platform. This custom feature opens up an exciting avenue to express creativity and create something unique. The possibilities are endless, as you can specify it and we can custom-build it.

**PRODUCT**  
**SPECIFICATIONS**

- ↓
- Highly customizable
  - Beautiful modern aesthetics
  - Excellent load-bearing strength
  - Unlimited colours and designs

**LOADING**  
**SPECIFICATIONS**

↓

5KN - Class D400







03  
PRODUCTS  
→

|                     |     |
|---------------------|-----|
| STREET BENCHES      |     |
| General Information | 105 |
| BR                  | 107 |
| SS                  | 108 |



# Street Benches

Stone street furniture doesn’t have to be heavy and bulky. It can be sleek and modern but still be able to withstand the elements — rain, sun, sleet, snow, or more. Jonite’s versatile panels make the perfect site furnishing such as street benches.



## Philosophy

The Banco Series is created using contemporary, ergonomic and versatile designs of structure elements such as pedestals and panels using various Jonite creative panels. Customisable with unlimited colours, patterns & textures.

## Custom Design on Panel Grates

The Banco Benches can easily create exclusive designs representing a corporate insignia or municipal logo on the panel-grate, giving a unique identity to parks or commercial open spaces.

## GENERAL SPECIFICATIONS

Street furniture plays a ubiquitous part of street design. When deciding on what type of site furnishing and where to place them, landscape architects not only have to consider aesthetics and functionality. The impact the street furniture has on road safety, pedestrian mobility, and the city’s visual identity is also essential.

A growing movement in architecture is to provide green spaces as a counterbalance to modern city skylines. Architects have a fine line to tread between the balance of nature and modern architecture. Public areas such as parks are the perfect stages to accomplish this goal- and what better way to add a further touch of life through natural stone site furnishing?

Jonite's Banco street bench is a natural extension of our existing line of grates and panels. This new line of site furnishing offers a unified look throughout your design from drainage grates to street furniture.

Our Banco street benches are created to be ergonomic and versatile. Come in fully knock-down or pre-assembled systems to accommodate standard or customized components while being sturdy and cost-effective. Our R&D team worked towards a vision of sleek and modern designs, breaking the mould of large and heavy stone street benches.

Easily add creative and beautiful touches through the creation of unique designs featuring a corporate insignia or municipal logo on the panel-grate, giving an exclusive identity to the parks or commercial open spaces.

If you would like to go beyond street benches, our experienced R&D team can work with you to create custom street furniture and site furnishings for imaginative applications. Refreshing, exciting, and unified reinforced stone finishes in unexpected places will create a new depth in your designs.

At least 30% of our Banco street furniture is made of recycled products: this is our way of contributing to a green and sustainable environment.

## PRODUCT SPECIFICATIONS

↓  
Sturdy & ergonomic

Extreme load-bearing strength

Customizable logos and designs

Low heat absorption

## LOADING SPECIFICATIONS

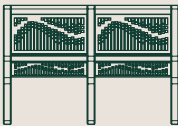
↓  
5KN  
Strictly for seating application



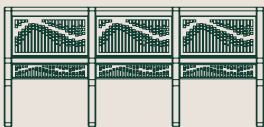


COLLECTION  
BR

The BR series consists of street benches with ergonomic backing designed for the comfort of users. Available in 2-seater or 3-seater standard configurations.



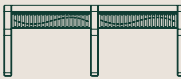
**21110**      **BR 300-2 SEATER**  
Dimension      1150L x 823W x 780mmH



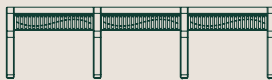
**21111**      **BR 300-3 SEATER**  
Dimension      1700L x 823W x 780mmH

COLLECTION  
SS

The SS series comprises of benches without backing, to provide uninterrupted sightlines, bringing the spotlight onto the natural surroundings. Available in 2 seating configurations.



**21112**      **SS 210-2 SEATER**  
Dimension      1150L x 638W x 447mmH



**21113**      **SS 210-3 SEATER**  
Dimension      1700L x 638W x 447mmH



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