

03  
PRODUCTS



**SUMP COVER**

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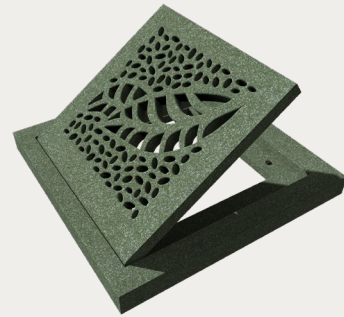




## Sump Cover

### 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.



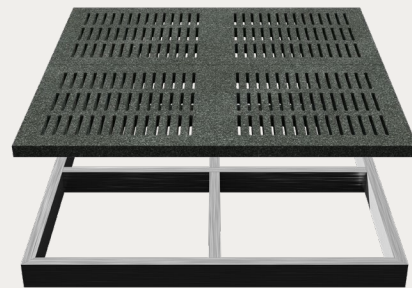
### Custom Lockables

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.



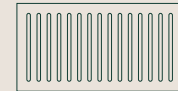
**51110**      **SC300-300H25LD**  
Load class      A15  
Pit Size        250 x 250mm  
Dimension      300W x 300L x 25mm (t)



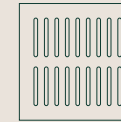
**51111**      **SC300-300H35HD**  
Load class      B125  
Pit Size        230 x 230mm  
Dimension      300W x 300L x 35mm (t)



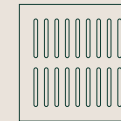
**51112**      **SC300-600H25LD**  
Load class      A15  
Pit Size        230 x 230mm  
Dimension      300W x 600L x 25mm (t)



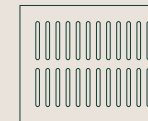
**51113**      **SC300-300H35HD**  
Load class      B125  
Pit Size        240 x 540mm  
Dimension      300W x 600L x 35mm (t)



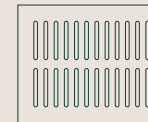
**51120**      **SC400-400H35LD**  
Load class      A15  
Pit Size        350 x 350mm  
Dimension      400W x 400L x 35mm (t)



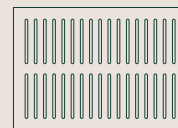
**51121**      **SC400-400H35HD**  
Load class      B125  
Pit Size        340 x 340mm  
Dimension      400W x 400L x 35mm (t)



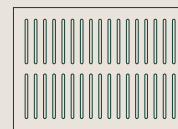
**51122**      **SC400-500H35LD**  
Load class      A15  
Pit Size        350 x 450mm  
Dimension      400W x 500L x 35mm (t)



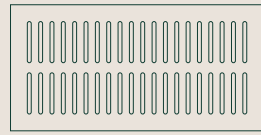
**51123**      **SC400-500H35HD**  
Load class      B125  
Pit Size        340 x 440mm  
Dimension      400W x 500L x 35mm (t)



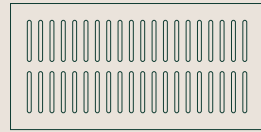
**51124**      **SC420-625H35LD**  
Load class      A15  
Pit Size        370 x 575mm  
Dimension      420W x 625L x 35mm (t)



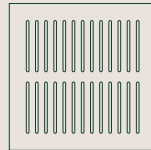
**51125**      **SC420-625H35HD**  
Load class      B125  
Pit Size        360 x 565mm  
Dimension      420W x 625L x 35mm (t)



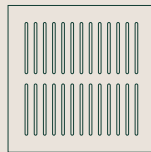
**51126**      **SC435-873H35LD**  
 Load class      A15  
 Pit Size          385 x 823mm  
 Dimension        435W x 873L x 35mm (t)



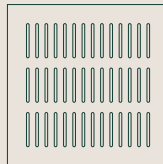
**51127**      **SC435-873H35HD**  
 Load class      B125  
 Pit Size          375 x 813mm  
 Dimension        435W x 873L x 35mm (t)



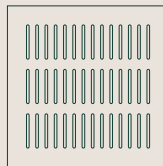
**51128**      **SC500-500H35LD**  
 Load class      A15  
 Pit Size          450 x 450mm  
 Dimension        500W x 500L x 35mm (t)



**51129**      **SC500-500H35HD**  
 Load class      B125  
 Pit Size          440 x 440mm  
 Dimension        500W x 500L x 35mm (t)



**51130**      **SC550-550H35LD**  
 Load class      A15  
 Pit Size          500 x 500mm  
 Dimension        550W x 550L x 35mm (t)



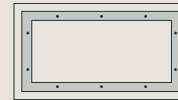
**51131**      **SC550-550H50HD**  
 Load class      B125  
 Pit Size          490 x 490mm  
 Dimension        550W x 550L x 50mm (t)



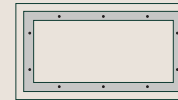
**53110C**      **TRF300-300H25**  
 Suitable for      SC300-300H25LD



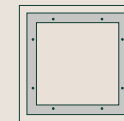
**53111C**      **TRF300-300H35**  
 Suitable for      SC300-300H35HD



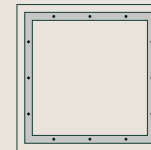
**53112C**      **TRF300-600H25**  
 Suitable for      SC300-600H25LD



**53113C**      **TRF300-600H35**  
 Suitable for      SC300-600H35HD



**53114C**      **TRF400-400H35**  
 Suitable for      SC400-400H35LD / HD



**53115C**      **TRF500-500H35**  
 Suitable for      SC500-500H35LD / HD

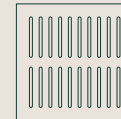


COLLECTION  
**HIGH  
PERFORMANCE**

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



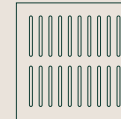
**52120**      **SSC300-600H35EHD**  
Load class      C250  
Pit Size        230 x 530mm  
Dimension      300W x 600L x 35mm (t)



**52122**      **SSC400-400H50EHD**  
Load class      C250  
Pit Size        340 x 340mm  
Dimension      400W x 400L x 50mm (t)



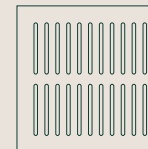
**52121**      **SSC300-600H50CHD**  
Load class      D400  
Pit Size        230 x 530mm  
Dimension      300W x 600L x 50mm (t)



**52123**      **SSC400-400H75CHD**  
Load class      D400  
Pit Size        330 x 330mm  
Dimension      400W x 400L x 75mm (t)



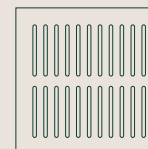
**52110**      **SSC350-700H50EHD**  
Load class      C250  
Pit Size        280 x 630mm  
Dimension      350W x 700L x 50mm (t)



**52118**      **SSC500-500H50EHD**  
Load class      C250  
Pit Size        430 x 430mm  
Dimension      500W x 500L x 50mm (t)



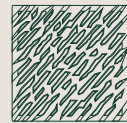
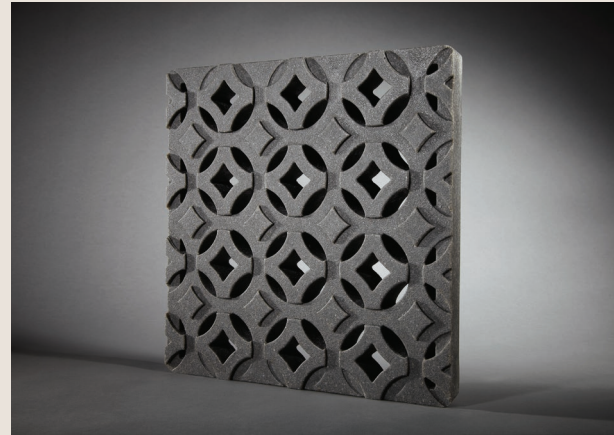
**52117**      **SSC350-700H75CHD**  
Load class      D400  
Pit Size        280 x 630mm  
Dimension      350W x 700L x 75mm (t)



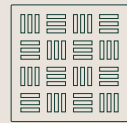
**52119**      **SSC500-500H75CHD**  
Load class      D400  
Pit Size        430 x 430mm  
Dimension      500W x 500L x 75mm (t)

COLLECTION  
**BASIN GRATES**

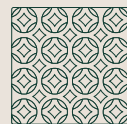
Perfectly shaped to be compatible with the most common catch basins in the USA, Jonite reinforced stone Basin Grates can be matched to other Jonite products for a seamless finish through your design.



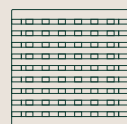
**U31110** **BG-CHISELED-300**  
Load class A15  
Dimension 300W x 300L x 29/32mm (t)



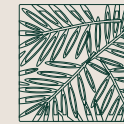
**U31111** **BG-CROSS-STITCH-300**  
Load class A15  
Dimension 300W x 300L x 29mm (t)



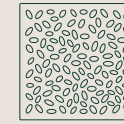
**U31112** **BG-KEYHOLES-300**  
Load class A15  
Dimension 300W x 300L x 29/32mm (t)



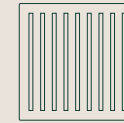
**U31113** **BG-INTERLACE-300**  
Load class A15  
Dimension 300W x 300L x 29/32mm (t)



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



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



**U31116** **BG-SQUARE-SLOTS-300**  
Load class A15  
Dimension 300W x 300L x 29mm (t)