

## DEK-DRAIN CENTURY100

Storm Attenuation System

The new storm water storage / attenuation system from Deks Industries is a unique hi- strength, low weight, storm water gathering system designed to create a solution for water infiltration and exfiltration in line with SuDS applications. The product offers a 100 year storm and flood modelling risk assessment solution.

Century100 helps developers, contractors and service users all become stakeholders in delivering the Environment Agencies strategy to improve and manage urban hydrogeology and adopt a proactive approach to water management in drainage and pollution controls. Century100 also offers safeguards in the management of future proofing flood risk.



- ✓ Larger block size
- ✓ Easy calculation / ordering values 5 blocks offers 2 cubic mtr
- ✓ High void ratio offers maximum storage
- ✓ Open structure enables access for cleaning & inspection
- ✓ Manufactured to ISO9001 quality standards
- ✓ Fully recycled plastic, improved carbon footprint
- ✓ 20 to 100 tonnes load capacity

Century100 is high void, heavy duty-load bearing and extremely strong, with virtually no vertical, lateral or diagonal rock. This all makes for a completed tank which is not just functional but it will also withstand the rigors of site construction and long term post completion load trafficking.

### Century100 “Easy to work with”

Its dynamic design incorporates angulated ribs with radial support cones encased in a vertical and horizontal mesh frame. This all results in a super strong cage which is robust enough to take the heaviest traffic loading i.e. 20 to 100 tonnes mtr<sup>2</sup>

# CENTURY100 Storm Attenuation System

## Dimensions;

Size H400mm x L1000mm x W1000mm

## Vertical Load Force & Capacities

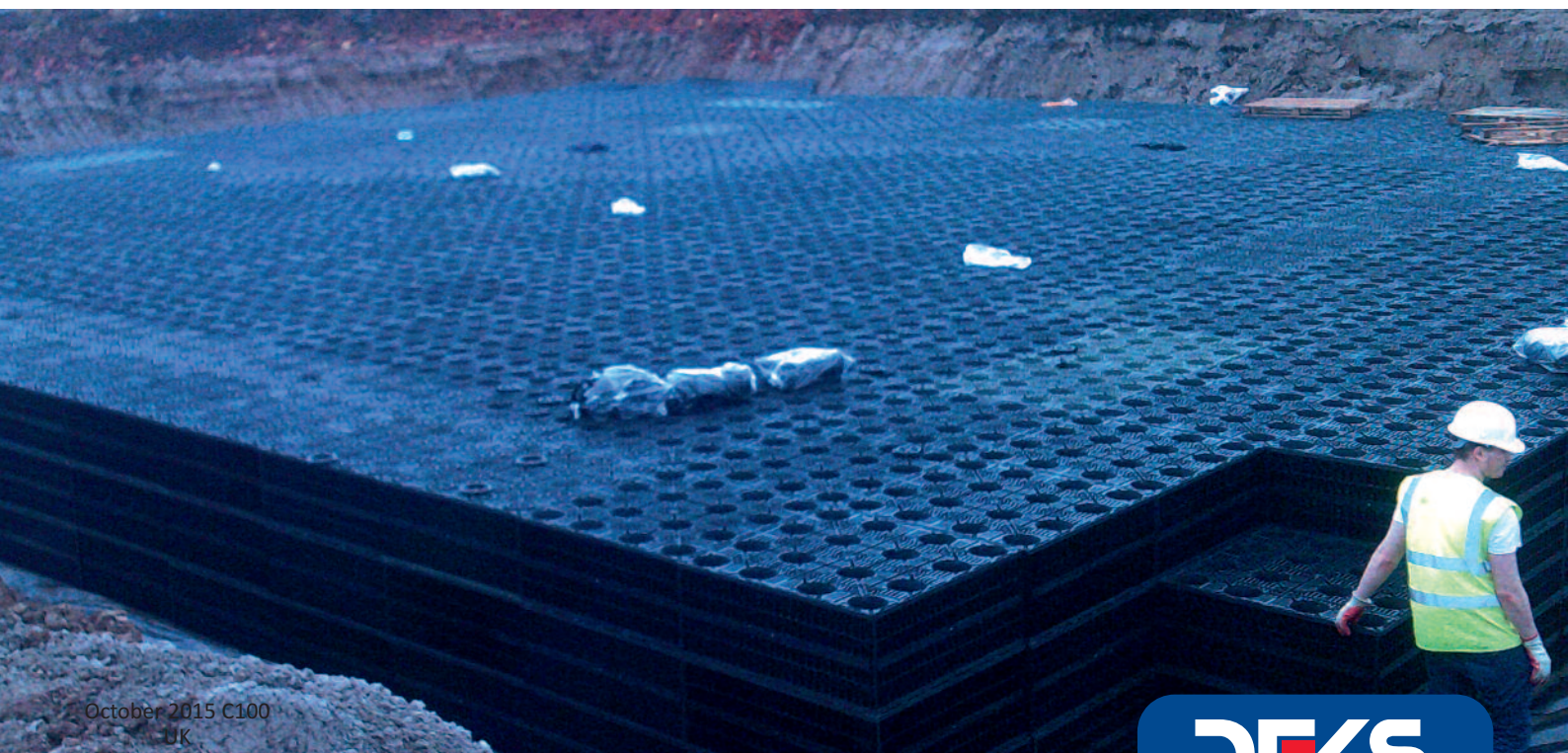
| Name                    | Product Code | Weight     | Void ratio % | Weight kgs |
|-------------------------|--------------|------------|--------------|------------|
| Century100 - 20 Tonnes  | DD-C20       | 20 Tonnes  | 95.3%        | 17.5       |
| Century100 - 30 Tonnes  | DD-C30       | 30 Tonnes  | 94.9%        | 19         |
| Century100 - 50 Tonnes  | DD-C50       | 50 Tonnes  | 93.7%        | 23.5       |
| Century100 - 60 Tonnes  | DD-C60       | 60 Tonnes  | 93.3%        | 25         |
| Century100 - 100 Tonnes | DD-C100      | 100 Tonnes | 92.0%        | 29.9       |

For ease of use 5 blocks = 2 M<sup>3</sup>

Design criteria is in accordance with guidance from Ciria for reference visit [www.ciria.org/suds](http://www.ciria.org/suds)

## Planning requirements

To provide associated benefits to the whole environment Local Authorities are insisting that SuDS become an integral and essential element of a construction project. Part H of the building regulations applies, 2002.



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