

rainbox® 3S

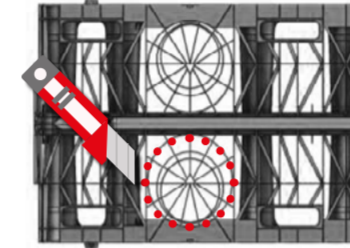


SPECIFICATION

Dimensions (L x W x D mm)	1200 x 600 x 420
Gross Volume	302 L
Net Volume	290 L
Void Ratio	96%
Weight	11.5 kg

MAINTENANCE

The lateral walls of RAINBOX® 3S crates can be cut out and inspection channels can be fitted to the unit. This allows cameras to be passed through the crates for monitoring.

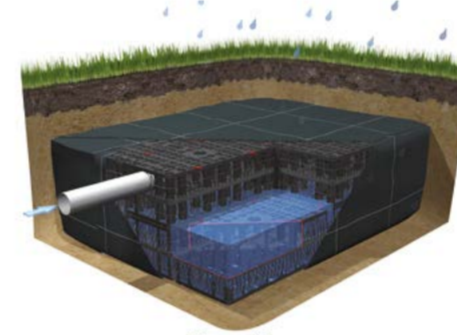


RAINBOX® 3S systems are suitable for water jetting with a pressure setting of 120 bar.

APPLICATIONS

RAINBOX® 3S provides DN 100/125/150 connections with connections up to DN 400 achievable with adaptors.

With its shallow burial depths JDP recommends RAINBOX® 3S for light and medium loading class usage.



INSTALLATION

	Loading Class (GVWR)		
	Pedestrian	≤ 3.5 t	≤ 12 t
Min. earth covering (mm)	250	250	500
Max. earth covering (mm)	2,000	2,000	1,900
Max. installation depth (m)	3.5	4.5	3.5
Max. number of layers	7	7	7

ASSEMBLY

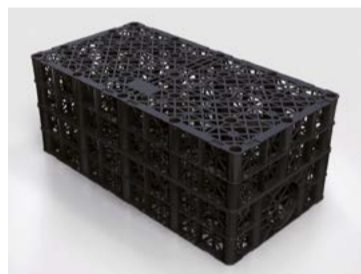
RAINBOX® 3S crates are assembled quickly. Crates arrive on site flat-packed on pallets and consist of 2 half boxes with an intermediary plate. Boxes and plates simply snap together to make a full sized crate.



Interlocking crates are joined using minimum 2 single clips per contact side (double clips between layers).

PSM1A

FOR NON-INSPECTABLE APPLICATIONS



SPECIFICATION

Dimensions (L x W x D mm)	1000 x 500 x 400
Gross Volume	200 L
Net Volume	190 L
Void Ratio	95%
Weight	9 kg

rainbox® 2



SPECIFICATION

Dimensions (L x W x D mm)	1200 x 600 x 420
Gross Volume	300 L
Net Volume	285 L
Void Ratio	95%
Weight	16 kg

INSTALLATION

	Loading Class (GVWR)		
	≤ 12 t	≤ 30 t	≤ 40 t
Min. earth covering (mm)	500	500	500
Max. earth covering (mm)	2,750	2,500	2,250
Max. installation depth (m)	5	5	5
Max. number of layers	10	10	10

ASSEMBLY

RAINBOX® 2 crates require no assembly and arrive on site as a complete crate.



Interlocking crates are joined with clips on each contact side.

MAINTENANCE

Targeted inspection networks can be created within RAINBOX® 2 systems using crates with in-built inspection channels on the lowest level of the structure. Non-inspectable RAINBOX® 2 crates then make up the rest of the structure.

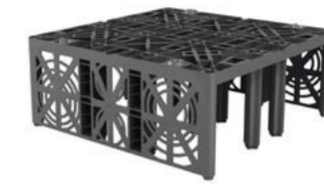
RAINBOX® 2 is suitable for water jetting with a pressure setting of 120 bar.

APPLICATIONS

RAINBOX® 2 provides DN 100/150 connections allowing for multiple applications. Connections up to DN 315 can be achieved with the use of adaptors.

JDP recommend RAINBOX® 2 for non-BBA projects with medium and heavy loading class usage where inspection is required.

rainbox® cube



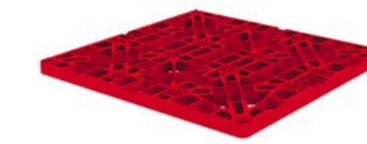
SPECIFICATION

CRATE

Dimensions (L x W x D mm)	800 x 800 x 320
Gross Volume	205 L
Net Volume	195 L
Void Ratio	96%
Weight	8 kg

BASE PLATE

Dimensions (L x W x D mm)	800 x 800 x 40
Gross Volume	25 L
Net Volume	20 L
Void Ratio	95%
Weight	4 kg



INSTALLATION

	Loading Class (GVWR)	
	≤ 40 t	≤ 60 t
Min. earth covering (mm)	500	800
Max. earth covering (mm)	2,250	2,000
Max. installation depth (m)	5	5
Max. number of layers	13	13

ASSEMBLY

RAINBOX® Cubes consist of base plates and crates. Up to 13 crates can be fitted to one base plate. During transport crates stack inside of one another, which halves transport costs and CO2 emissions, and crates simply click into place without any clips.



MAINTENANCE

The standard inspection channel allows the entire RAINBOX® Cube system to be effectively monitored. Access is gained through a cut out in the side wall of a crate.

RAINBOX® Cube systems are suitable for water jetting with a pressure setting of 120 bar.

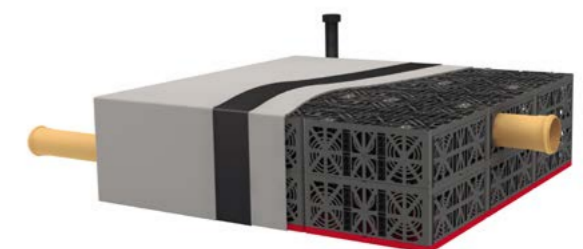


APPLICATIONS

RAINBOX® Cube crates have DN 100/150/200 connections as standard. Connections up to DN 500 are available with use of adaptors.

This flexibility allows RAINBOX® Cube to be used in a wide variety of applications.

JDP recommends RAINBOX® Cube for projects that require heavy loading classes, adoption or BBA approved products.



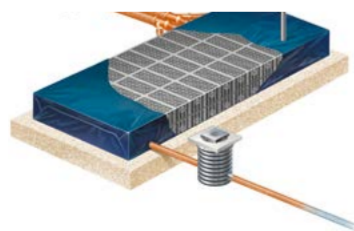
INSTALLATION

	Loading Class (GVWR)		
	Pedestrian	≤ 3 t	≤ 9 t
Min. earth covering (mm)	500	500	850
Max. installation depth (m)	3.7	3.5	Upon Request
Max. number of layers	8	6	Upon Request

As per Polypipe Product Information Data Sheet Issue 4 (January 2016)

ASSEMBLY

PSM1A crates require no assembly and arrive on site as a complete crate.



Interlocking crates are joined with rods between the horizontal planes.

MAINTENANCE

PSM1A crates have no inspection channels and no maintenance can be performed. When used with appropriate silt traps the system has a lifespan of 60 years.

APPLICATIONS

Manufactured from 90% recycled material the PSM1A crate offers proven performance, significant savings and reduced environmental impact for medium load class and non-inspectable projects requiring BBA approved products.