

SuDSPod™

Frequently Asked Questions



Q: What's the expected lifespan of the main unit?

A: It is designed to last the life of the property – in excess of 25 years.

Q: What's the lifespan of the cladding?

A: The cladding is guaranteed for 5 years with suitable maintenance.

Q: How often do you have to change the soil?

A: The special soil should never need replacement. It is a unique mix that with healthy plant life will regenerate itself.

Q: What maintenance is involved?

A: General maintenance will include checking inlet and outlet, clearing moss that may be deposited and checking plant health – as you would with any landscape element.

Q: How do you level it up?

A: The SuDSPod is suitable for placing on a level surface but a levelling kit is available allowing it to be mounted on a slope of up to 1:10.

Q: Does it need to stand on a concrete base?

A: No, any firm and solid ground will accommodate the SuDSPod.

Q: Can it have a tap so it can store water for summer use?

A: This feature is currently in design.

Q: What plants should we use?

A: A planting palette choice is available from GreenBlue Urban.

Q: What is the minimum drain down time from half full?

A: This does depend of the intensity of the storm event, but a maximum of 6-8 hours.

Q: Will it silt up?

A: Any silt deposition will be visible on the "landing pad" or forebay, where it can be easily cleared. Silt that enters the silt trap via the Arboresin filter can be cleared annually.

Q: Can you use any soil?

A: No, a specially designed soil is supplied with the SuDSPod unit.

Q: If you use it for a bigger roof than the design size, what happens?

A: Larger roof will mean that the unit will reach exceedance flow rates quicker.

Q: Can you put it on a balcony?

A: Depending on the structural capabilities of the balcony, there is no reason why balcony mounting is not suitable. Total weight when full is 518kgs.

Q: What other parts are needed to install it?

A: Particular parts to suit the diverted downpipe rainwater system will be required and suitable plants.

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Q: How much does it weigh empty?

A: 65kg plus 113kg soil.

Q: What does it weigh full of water and soil?

A: 518kg.

Q: How big is SuDSPod?

A: Without cladding - 1210mm long, 520mm wide, 810mm tall. With cladding - 1250mm long, 525mm wide, 825mm tall.

Q: Is it made from recycled plastic?

A: Yes 100% recycled MDPE.

Q: Is it recyclable at end of life?

A: Yes, fully recyclable.

Q: Are there plans to make a larger/smaller model?

A: Designed to perform optimally for roof areas of approximately 50–100m² across the majority of rainfall events. The system can also be used with larger roof areas, with performance depending on location, rainfall intensity and event duration. Performance calculations for specific roof areas, locations and design storm events are available on request.

Q: Does it need to be fixed to a wall?

A: This is an option where interference is a possibility.

Q: Can litter get trapped behind it?

A: When properly installed, there is no space for accumulated litter.

Q: Will it cause damp if too close to a wall?

A: The cladding system allows air movement so there should be no damp issues behind the unit.

Q: Is it viewed as a permanent installation by water companies/Lead Local Flood Authorities(LLFAs)?

A: Yes, although it can be moved if required.

Q: Can the volumes attenuated be included within site calculations?

A: Yes, there is an InfoDrainage model available to support this.

Q: Is there a risk of mosquitos in standing water?

A: There is no standing water – all water is drained so there is nothing for insects to breed in.

Q: Does it count towards BNG?

A: This is dependent upon the local authority and legislation in various areas.