

Fevered Sleep

TECHNICAL SPECIFICATION

AND THE RAIN FALLS DOWN

A devised piece of theatre, about water, for 3-4 year olds.

SET

The set covers an area 7000mm x 9000mm. Minimum height 4500mm.

STAGE

The stage consists of 12 pieces of steel deck. The steel is powder-coated to protect from rust, and stands at a height of 300mm on rubber-footed aluminium legs. The decking is marine ply, painted, treated with marble dust for a non-slip surface, and sealed with Firaqua 2530 - Water borne polyurethane floor seal. The decks bolt together with M10 bolts. Rubber seals run along the edge of the decks, forming a water tight seal when the decks are bolted together. The stage has a rubber lip running around the outside of it at 20mm (depth tbc). This allows us to flood the stage to the required depth, and then any excess water overflows into the reservoir beneath.

There are 8 plug holes within the stage. All are fitted with standard 40mm plughole fittings, and are complete with plugs.

RESERVOIR

The Reservoir is made from Evalon, manufactured by a company called alwitra. Evalon is a flexible roofing membrane made from Eva-Terpolmer, auto-adhesively laminated onto polyester fleece. The membrane is heat-welded into one piece. It is 1.2mm thick, completely water proof, self-extinguishing and complies with all regulations for fire resistance. Evalon has previously been used and recommended by Steve Wald, Production Manager of DV8 for 'The Happiest Day of My Life', forming a touring reservoir of water 400mm deep. The reservoir sits within a supporting wall constructed from 12mm ply. The wall is 350mm high and 200mm deep, with open backs to allow bolting together. The reservoir is 7900mm x 4740mm at the widest points, and covers an area 27.5 square metres.

The stage sits within this reservoir.

N.B. At no point is the reservoir filled up with water, it's job is to contain all the water pumped around and onto the set, to prevent any leakages onto venue floors.

BACKDROP

Surrounding the stage on three sides are 9 legs of Polyline. Legs have a 3000mm drop to the stage, and are 1500mm wide. Each leg is supported by

15mm conduit at top and bottom. The Conduit will be attached to the grid with sash, at the base they are fastened to the stage with pipe clips. They hang within the reservoir walls, containing any splashing water within the stage area. Polyline is inherently flame retardant.

AUDITORIUM

The auditorium consists of 2 tread seating blocks along the front edge of the stage. The seating blocks are 800mm high and 1200mm deep. The first tread is for the children seating and adult's feet, the second tread is for adult seating. The children's feet sit on a wooden platform bolted into the top of the reservoir wall. This platform is 250mm deep, is made from marine ply and treated in exactly the same way as the stage to give a water-resistant non-slip surface. It connects the seating block to the stage.

The remainder of the seating blocks are constructed from Spruce Ply but also treated with paint, marble dust, and seal. Access to the auditorium is from a set of treads at rear centre. The back of the auditorium is protected by a handrail - details tbc.

RAIN + WATER

We will use mains supply warm water. The water will be piped from the mains supply into a standard size water butt (500mm x 770mm) holding up to 136 litres of water. This water butt does not ever need to be full as it can be refilled from the mains during the show. The water butt does not need to be situated next to the stage, this will be discussed individually with venues.

The water will be pumped from the water butt into the system by a Grundfos MQ 3-35 self-priming multistage centrifugal pump. The pump is 570mm x 320 x 218mm, weighs 15.5kgs and runs on 240v. Due to running noise it is preferable that this pump is also not situated right next to the stage.

The water is pumped from the pump to the stage via 15mm hose pipe. The piping system for the water on stage is 15mm plastic flexible push-fit plumbing piping. All piping and fittings run within the reservoir.

The piping system for the rain is attached to a wooden frame with plastic pipe clips, this is then fixed into the grid with 10mm sash cord.

The nozzles for the rain are fixed 400mm below the grid. The nozzles are Promax Full Jet Spray Nozzles, manufactured by Spraying Systems. They have a wide angle full cone spray. Controlling each of the nozzles are solenoid valves. These valves connected by individual lengths of TRS running to a control switch panel, avoiding any use of the venue lighting rig and control.

The control switch panel plugs into 13amp power supply protected by an RCD. In addition to the rain there is a single pipe with no nozzle. This is also attached to the wooden frame, and also runs using a solenoid. The pipe end is fixed 400mm below the grid.

LX

The show is lit by Jo Manser.

The show runs to 36 dimmers however it can be adapted according to venue. More specific details and plans upon request.

SOUND

The music for the show is composed by David Leahy.
Playback is from either 2 x minidisk players or 2 x CD players, (not toured) use of the in-house mixer will be necessary.
It will be necessary to rig in house speakers in order for maximum sound coverage and quality for the audience.

AUDIENCE PARTICIPATION

Towards the end of the show the children are invited onto the stage. They are given umbrellas, but they are still very likely to get wet.
The two performers create a very controlled environment for this audience participation. All on-stage hazards will be covered in the Risk Assessment.
Venues should be aware that children will be wet when leaving Fevered Sleep's auditorium and precautions should be made to ensure the surrounding area is non-slip. Details can of course be discussed in detail with individual venues.

TRANSPORT

The set is transported in a Luton van.

RISK ASSESSMENTS

Full and comprehensive Risk Assessments will be forwarded to each venue.

DRESSING ROOMS

The company will need two dressing rooms, with hot showers.

WARDROBE

We will require use of wardrobe facilities, in particular a tumble drier.

If you have any queries regarding the show please do not hesitate to contact me.

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