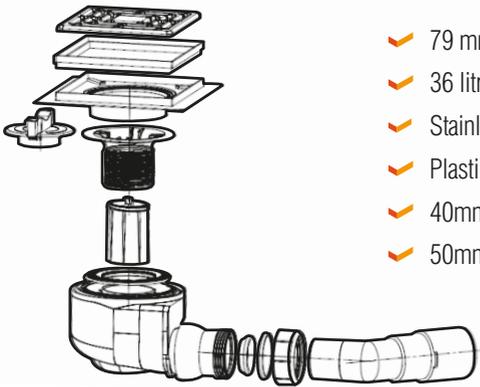


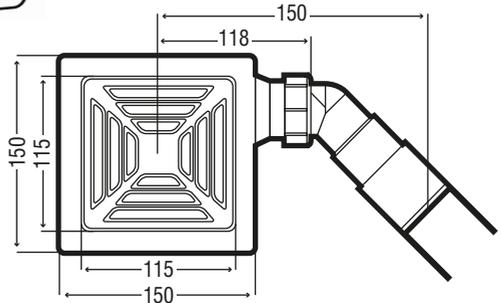
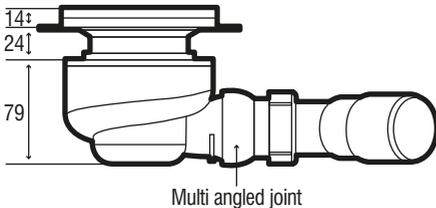
SHOWER TRAY WITH FLOOR DRAIN



TECHNICAL DATA



- ✓ 79 mm depth of drain body
- ✓ 36 litres per minute flow rate
- ✓ Stainless steel edgefold and drain grille (115mm)
- ✓ Plastic Material: PP Under tray, ABS above tray
- ✓ 40mm diameter connector to mains
- ✓ 50mm diameter connecting elbow



IMPORTANT NB These trays are not suitable for vinyl floor coverings

SHOWER TRAY TECHNICAL PROPERTIES

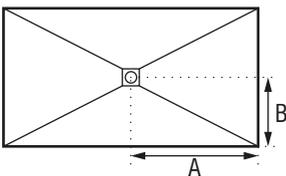
PROPERTY	ASSESSED TO	RATING
Xps Density	DIN 53420	36 ± 0.02 kg/m ³
Thermal Conductivity	EN 12167	0.033 W/m.K
Compressive Strength(10% deflection)	EN 826	300 kPa (30 tonnes/m ²)
Flexural Strength	ASTM C203	0.30 ± 0.02 MPa
Water Absorption (Capillary)	DIN 53428	Zero
Water Vapour Diffusion Resistivity (μ)	DIN 52615	110 - 225 μ
Water Vapour Permeability	ASTM E-96	0.028 ng/Pa.m.s
Flammability	EN 13501	Class E
EU controlled substances	N/A	none

The ProWarm™ Shower Tray/base is manufactured from high density extruded polystyrene, it has a closed cell structure, which means that the water will not be able to penetrate through the tray. The rigid insulating core is coated with a specially formulated reinforced cementitious coating that provides a hard wearing robust surface perfect for the application of tiles. The trays have an inbuilt fall gradient that slopes towards the drain.

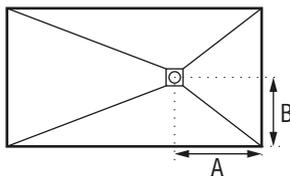
If the grout fails or cracks on unprotected timber floors this can lead to tiles lifting as the water seeps through and will cause the timber floor to swell and warp. The ProWarm™ wetroom solution eliminates this problem by allowing you to create a fully waterproofed floor.

The trays are totally compatible with electrical underfloor heating.

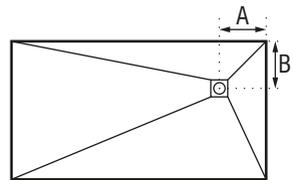
SIZE	CENTRE	CORNER
800 x 800 x 20mm	✓	✓
900 x 900 x 20mm	✓	✓
1000 x 1000 x 20mm	✓	✓
1200 x 900 x 20mm	✓	✓



Centre drain:
A=1/2 length B=1/2 width

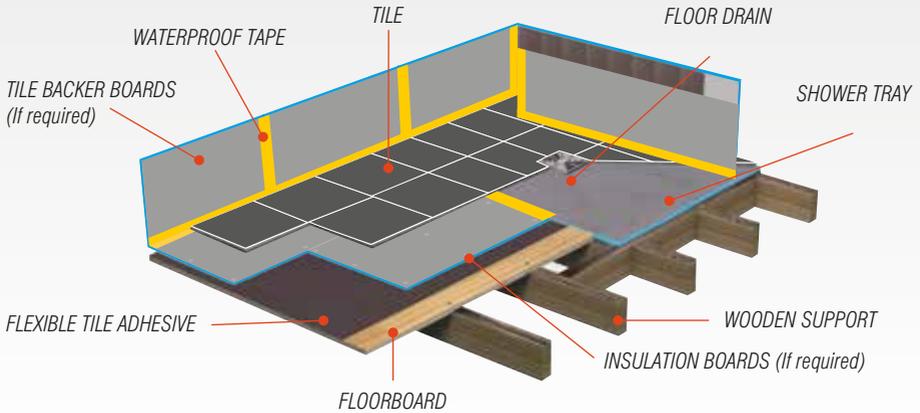


Offset drain:
A=450mm B=1/2 width



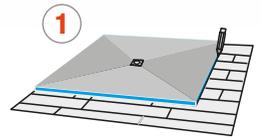
Corner drain:
A=260mm B=260mm

INSTALLATION ON TIMBER FLOOR



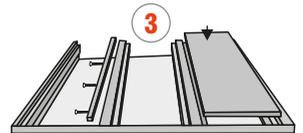
INSTALLATION STEPS

STEP 1 Measure the room and note the shower tray and drain positions. Carefully mark around the shower tray, locate joists and mark their position. Remove any screws that are within the marked area.



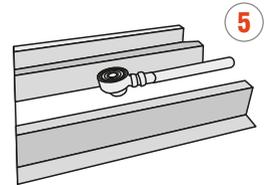
STEP 2 Recess the floor to receive the shower tray and drain.

STEP 3 Fix a batten (50mm x 50mm) below the top of the joists. To allow for Plywood support infill with minimum 18mm timber.



STEP 4 Lay your level access shower tray in position and mark the location of the drain on the infill. Remove it again and store it safely.

STEP 5 Measure and mark where your drain and waste pipe will be fitted. Cut drain shape out of plywood for waste, this should be 10mm bigger than drain body. Connect the drain body to the waste pipe with solvent weld in the usual way. Always check for leaks before final installation of shower tray. Ensure there is sufficient movement to allow the drain to meet the shower tray.

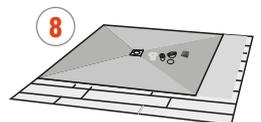


STEP 6 Once you are satisfied with the drainage, replace the plywood section around the drain and fix all floor infills in position.

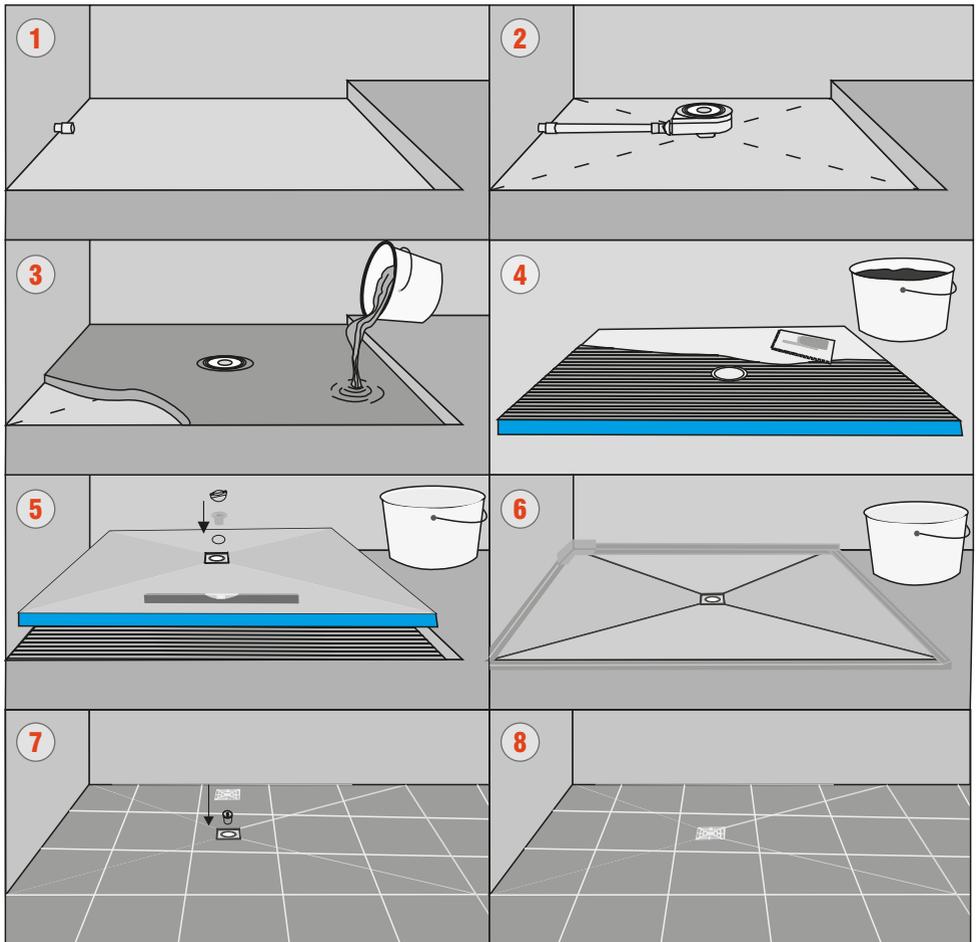


STEP 7 Spread the adhesive evenly over the area where the shower tray is to be installed, being carefully to clean away any adhesive on the rim of the trap.

STEP 8 Fix the shower tray into position. With a spirit level, check that the edges of the tray are level. Also you should use the ProWarm™ installation kit to tape all joint and wall corners.



INSTALLATION ON A SCREED FLOOR



1. For a new-built house, reserve a deep hole when casting screed floor, while for a reconstructed house, dig a hole level to drain body on the screed floor with an electric drill for holding the drain body and also dig a channel for water pipe connecting with drain body.
2. Position the drain body and connect the water pipe in regular way.
3. Pour screed and make sure the screed is level to drain body.
4. Plaster the backside of shower tray with flexible tile adhesive.
5. Fix shower tray on the floor level, put drain connector inside the drain body and tighten with drain key.
6. Reinforce all the joints between shower tray, wall and floor with waterproof cloth, waterproof corners should be used in wall corners.
7. Use the disposable tiling aid in the drain section whilst tiling and grouting before fitting the drain cover.
8. To fit drain cover, trim flume to fit before grouting drain rim in place and securing the grill.