

Deck and Roof Waste Traps

Esi-Clean deck and roof waste traps are useful for situations where a trap is required over a drain or downpipe to prevent blockages. They are well suited for decks and roofs requiring waterproof membrane sealing. In these situations, the membrane is glued into the inside of the trap bowl when the trap is flush mounted to a floor or roof.

The Esi-Clean deck and roof waste traps have extra low clearance from floor height to exit, allowing them to be used in cramped conditions. The dome top stops

rapid blocking of downpipes from debris, making it ideal for rooftop installations.

A clamping ring accessory is necessary for membranes over 1.5mm thick. Waste trap bowl sizes are as per Bottom Exit Traps.

These traps have a domed top and a bottom exit with compression fitting. A flat top option is available on request.

CODE	OUTLET SIZE	A
TRAP 3365	65 mm	28 mm
TRAP 3375	75 mm	28 mm

Component Parts

If you find yourself requiring a new dome top, flat top, inner bowl, outer bowl, vinyl clamping ring or any other component part, Esi-Clean Waste Trap's modular design means you can replace individual parts, rather than requiring a completely new waste trap.

This makes them a more environmentally friendly choice than many other, plastic, alternatives.

For a complete break-down of components, see our website (www.esi-clean.co.nz).

Why choose Esi-Clean?



Easy to clean



Environmentally friendly



Proven design

Esi-Clean Waste Traps are produced by Kimberley Tool & Design (NZ) Limited at its factory in Waihi. The trap has been in existence for decades in New Zealand and has become almost iconic. Kimberley Tool & Design is proud to be the sole manufacturer and distributor of this 100% locally made product.



(NZ) LIMITED



STAINLESS STEEL
ESI-CLEAN
WASTE TRAPS

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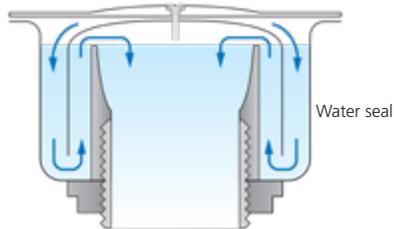
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Esi-Clean Waste Traps

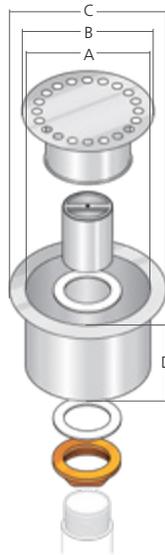
Esi-Clean Waste Traps feature a removable stainless steel top to make maintaining a block-free drain simple. If the trap blocks, it can be cleaned easily by unscrewing the top, removing the obstruction, then simply screwing the top back on. This design does away with the inspection holes or latches found in less advanced waste traps, and saves time and money in the long-run by removing the need to dig into the ground or get under floors to clear blockages.

Manufactured in New Zealand by Kimberley Tool & Design, these easy to install waste traps can be used in showers, urinals, floors, patios or anywhere that requires an overflow pipe to be covered to prevent blockages and reduce unpleasant smells venting up from drains.

Intake holes (area of holes = area of discharge pipe)



Sectional view showing water flow through bottom exit trap



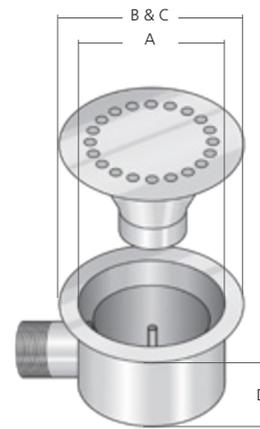
Shower Bottom Exit Traps

This compact design is ideal for concrete or timber floors. It is unobtrusive and typically used in bathrooms, laundries, spa rooms, wash down areas, or any other place where there is a potential of water overflow.

The flat lid design allows the trap to be mounted flush with the floor, eliminating any potential tripping hazard. And because it is made of durable stainless steel, it can withstand the harsh environment traps often face in residential and light commercial use.



CODE	OUTLET SIZE	FLOW RATE	A O.D.	B LID	C	D
TRAP 3080	40 mm	47 l/min	120 mm	131 mm	151 mm	76 mm
TRAP 3100	50 mm	68 l/min	120 mm	131 mm	151 mm	76 mm
TRAP 3120	65 mm	114 l/min	148 mm	156 mm	176 mm	79 mm
TRAP 3140	75 mm	190 l/min	148 mm	156 mm	176 mm	79 mm



Shower Side Exit Traps

Side Exit Waste Traps are ideal for cramped situations where the clearance between the floor and the exit drain is minimal, meaning a bottom exit trap would not fit. Side Exit Traps reduce the need to dig deep trenches for outflow pipes.

They are often used in places where a trap needs to be retrofitted for direct surface water to sewer pipe flow. Side Exit Waste Traps come with a male threaded nipple to fit a 40 mm or 50 mm female threaded outlet pipe. Female threaded outlet pipe not supplied, refer to your installer.



CODE	OUTLET SIZE	FLOW RATE	A O.D.	B LID	C	D
TRAP 3067	40 mm	37 l/min	120 mm	151 mm	151 mm	90 mm
TRAP 3069	50 mm	72 l/min	120 mm	151 mm	151 mm	90 mm
TRAP 3191	Trap tiling ring – fits both sizes					
TRAP 3190	Vinyl clamping ring – fits both sizes					

Vinyl Floors

All Esi-Clean traps are suitable for vinyl floor installations. Their design allows vinyl to be clamped onto the inside wall of the trap to prevent water creeping under the vinyl.

The trap can then easily be cleaned without affecting the waterproof seal. This method of clamping the vinyl onto the inside of trap does not require an O-ring arrangement or a screw top to hold the vinyl sealed.

Always use clamping rings with vinyl floors. The same ring fits both 40 mm and 50 mm side exit traps.

Accessories:

Vinyl clamping ring: Code TRAP 3190

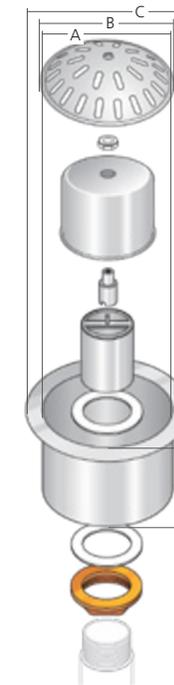
Tile Floors

Their design allows for a waterproof membrane to be sealed into the trap to prevent water creep and future building damage. Tiling rings should be used for side exit traps only. Bottom exit traps should not use tiling rings.

Accessories:

Trap tiling ring: Code TRAP 3191

Weldable Applications and Component Parts



Urinal Bottom Exit Waste Traps

Dome top traps allow solid waste such as cigarette butts, chewing gum and perfume cubes to become trapped in a urinal trough without blocking water flow.

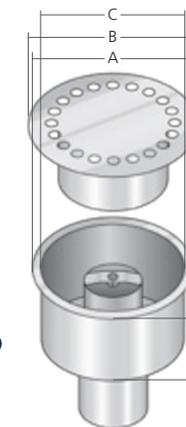
Traps installed in urinals that build up with uric salts can be easily disassembled and cleaned, preventing blockages and removing the need to dig up concrete floors to unblock drains.

The Esi-Clean Waste Traps design places the water seal at the highest point of water outflow, minimising any smell.

These traps are available flanged or unflanged. The flanged version is ideal for fitting into a concrete floor as it can be set and indented into the ground, while the unflanged version is ideal for welding into a stainless steel urinal tray.

CODE	OUTLET SIZE	FLOW RATE	A	B	C	D
TRAP 3070	40 mm	47 l/min	120 mm	140 mm	150 mm	75 mm
TRAP 3090	50 mm	68 l/min	120 mm	140 mm	150 mm	75 mm
TRAP 3110	65 mm	114 l/min	148 mm	170 mm	175 mm	79 mm
TRAP 3130	75 mm	190 l/min	148 mm	170 mm	175 mm	79 mm

Industrial and Commercial



Industrial Waste Traps

Larger industrial waste traps are ideal for commercial and industrial environments where large volumes of water may need to be drained and solid waste trapped.

They are typically used in wash down areas, overflow situations and washroom facilities.

The top plate is made of tough 3mm stainless steel to withstand the weight of light vehicles, and the outlet is sized to fit inside a bottom exit 100 mm PVC sewer pipe. A 150 mm outlet pipe option is also available, on request.

Industrial waste traps are manufactured using Type 304 stainless steel. Heavy duty 6 mm top plates can be made on request, for use in areas where heavy machinery such as trucks or forklifts may be driving.

CODE	OUTLET SIZE	FLOW RATE	A O.D.	B LID	C	D
TRAP 3149	100 mm	250 l/min	245 mm	270 mm	265 mm	120 mm (approx)