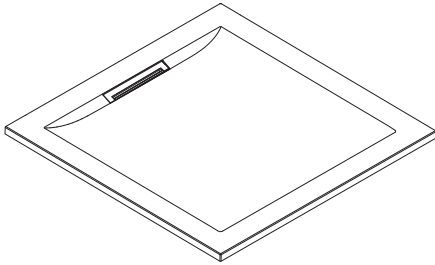
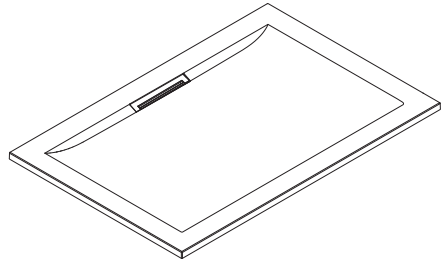


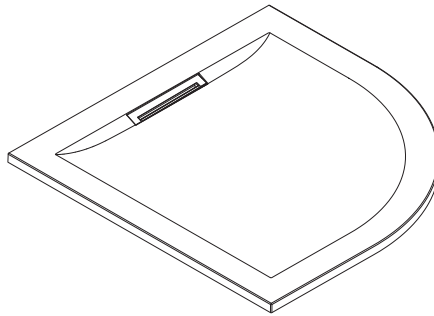
Mira Flight Level Shower Tray



Square Tray



Rectangular Tray



Quadrant Tray

Installation and User Guide

These instructions must be left with the user



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General Information

1. Read all of these instructions and retain this guide for later use.
2. Pass on this guide in the event of change of ownership of the installation site.
3. Follow all warnings, cautions and instructions contained in this guide.
4. **Warning!** Two-person lift.
5. Check for transit damage.
6. Carefully unpack and check the tray for colour, size, flatness, general acceptability and compatibility with the shower enclosure and other bathroom furniture.
7. Before installation, carefully remove all of the protective film from the tray for inspection. The slate and anti-slip trays do not have a protective film.
8. Report any faults immediately to your supplier. No claims will be considered after installation.
9. Store tray flat. **DO NOT** lean against wall.
10. Fitting this product is acceptance of quality.
11. **Caution!** Additional protective coverings such as a dust sheet should be used to protect the tray from damage from falling objects during installation.
12. We recommend this tray is fitted as part of a fully enclosed cubical. If this tray is fitted as a walk-in installation, it is expected that an amount of water will spill onto the open area of the floor. We would therefore advise fixing a threshold strip (not supplied) to minimize this.

Note: Where the shower tray comes into contact with the wall or plaster board surface, apply a liberal amount of silicone sealant before installation. This will help secure the shower tray in position and reduce any rubbing of the surfaces.
13. Hand tighten the waste fixing screws to ensure a watertight seal. Excessive overtightening can lead to damage. **Caution! DO NOT** stand on waste cover as damage may occur.
14. Once the waste pipe has been connected pour water into the tray to check the tray and pipe connection for correct drainage prior to final fix and tiling.
15. The waste should be connected to 40 mm rigid waste pipe only, which must be installed to have a minimum fall of 18 mm per meter. The use of reducers or flexible waste pipes are not suitable for this product, and may lead to water build up in the tray and potential overflowing.
16. Excessive flow rates may lead to overflowing and leaking. Flow rate into the tray must not exceed more than 25 litres per minute. We recommend a drainage test is carried out to ensure the waste pipework is adequate for the flow delivered.

- 17. The waste should be sited to allow good access to allow maintenance or replacement with minimum disruption. Kohler Mira will not be liable for any costs associated with access restrictions and subsequent works.
- 18. Due to the shallow nature of the tray design, it is imperative that the tray is installed completely level in all planes. Failure to do so may lead to water build up in the tray and overflowing.
- 19. Excessive directional spray may lead to overflowing in that area of the tray.
- 20. For textured trays (i.e. Slate) some water may remain after showering owing to the natural rise and fall of the finish.

Recommended Usage

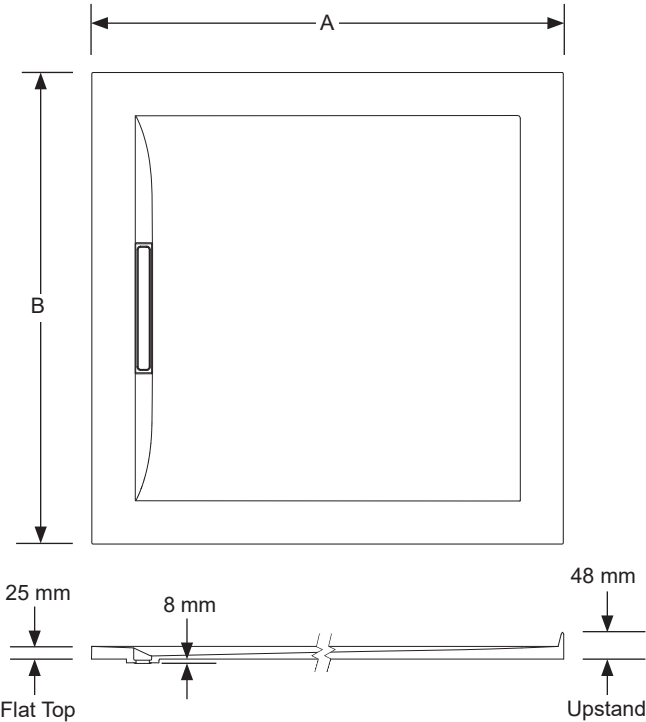
Domestic	✓	Light Commercial	✓
Heavy Commercial	✗	Healthcare	✓

Notification to designers, installers and users:

The majority of all shower trays will show an increase in the potential for slipping, when the surface is wet. This is particularly the case when soap, shampoo, bath oil etc. are used. The Construction Products Directive (89/106/EEC).

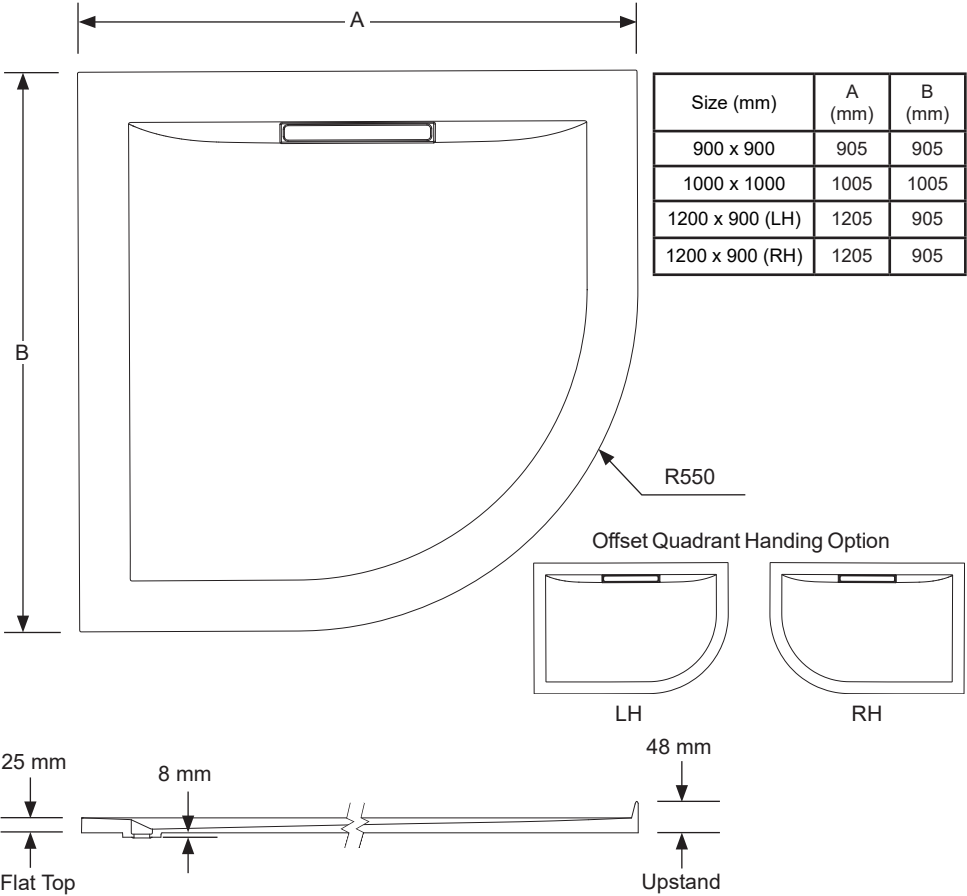
Dimensions

Square / Rectangular Shower Tray



Size (mm)	A (mm)	B (mm)
800 x 800	805	805
900 x 900	905	905
1000 x 800	805	1005
1200 x 760	765	1205
1200 x 800	805	1205
1200 x 900	905	1205
1400 x 760	765	1405
1400 x 800	805	1405
1400 x 900	905	1405
1500 x 800	805	1505
1600 x 800	805	1605
1600 x 900	905	1605
1700 x 800	805	1705
1700 x 900	905	1705
1800 x 800	805	1805

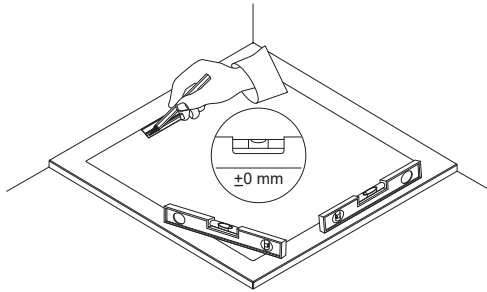
Quadrant Shower Tray



Preparation

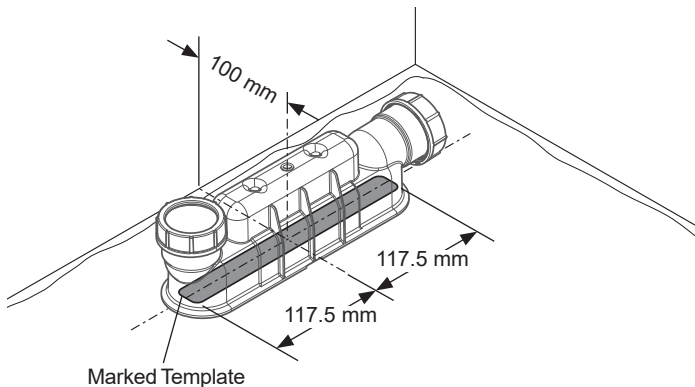
Non-Upstand Trays

1



- a. Place your shower tray down in the desired location (example illustrated).
 - b. Mark the waste location through the tray with a pencil in order to create a template on the floor (draw around the inside of the waste hole in the tray).
 - c. Move the tray to one side.
-

2

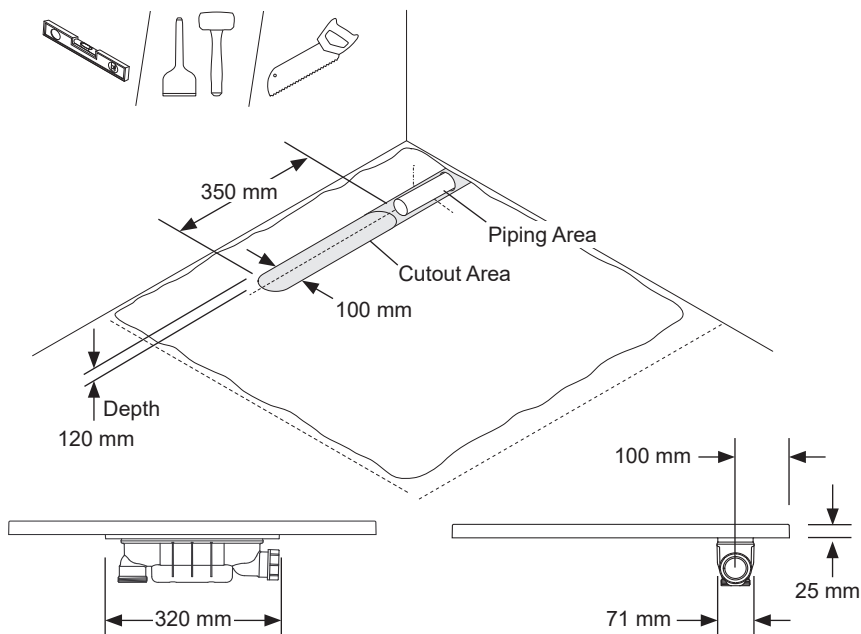


- a. Mark the centre line halfway along the length of the pencil line template you have made on the floor (overall length should be 235 mm, so half way should be 117.5 mm).
- b. Place the waste body over your template, matching your centre line with the centre rib (on the side of the waste body).
- c. Measure in from where the tray edge will lie, 100 mm to the waste pipe centre on the waste.
- d. Now you have the correct waste position, measure/cut your waste pipe accordingly and fit it to the waste as detailed in the next steps (some minor adjustments may be required as necessary).

3

Note: The compression fitting on the waste is designed to accept '40mm' pipe.

Note: The waste should be connected to a 40 mm rigid waste pipe only, which must be installed to have a minimum fall of 18 mm per meter. The fall of the waste pipe directly impacts the efficiency of water drainage, the greater the fall, the better the drainage.



Note: If required, create an opening in the floor in order to accommodate the waste body and pipe. Make the opening oversized in order to give you greater flexibility during fitting of the waste.

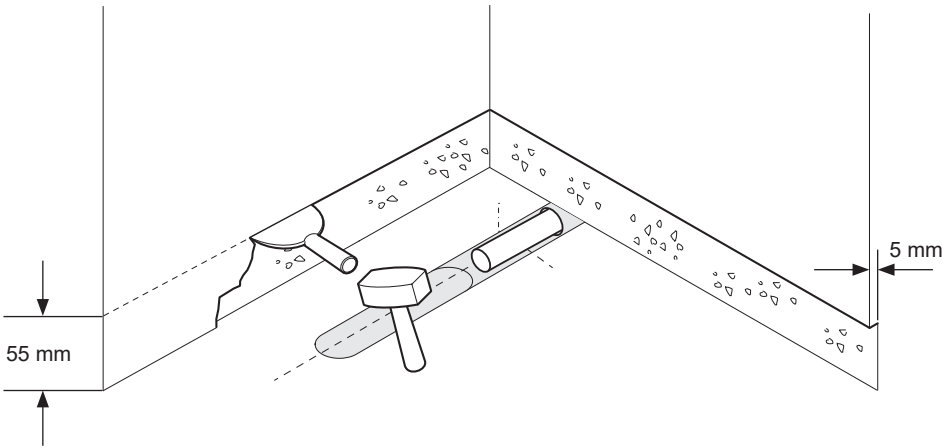
Note: Make sure that you have enough room within the floor recess to comfortably house the waste and fall of the waste pipe.

Note: Square tray shown. Installation of Rectangular and Quadrant is similar.

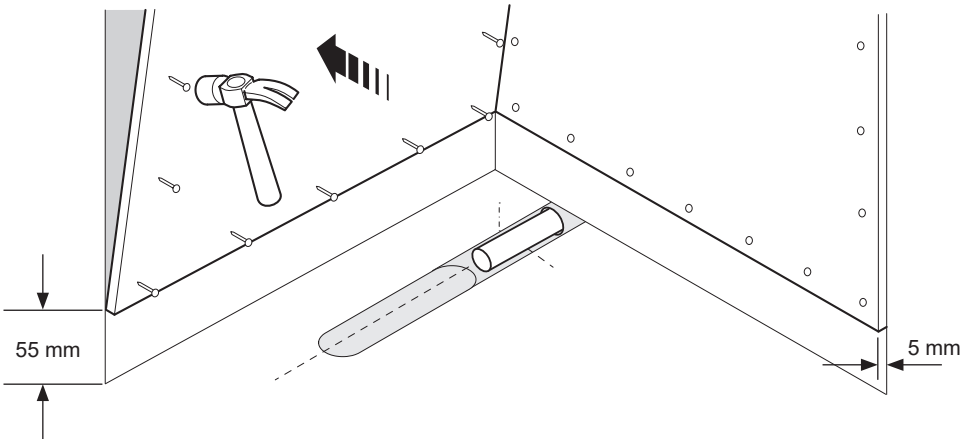
Upstand Trays

Note: These additional steps are to be used when installing an Upstand Tray **ONLY**.

Solid Wall Preparation

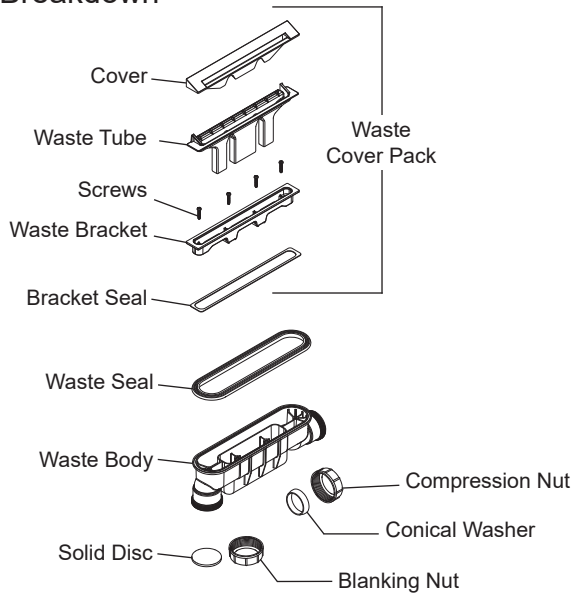


Stud Partition Wall Preparation



Shower Tray Installation (Without Legs)

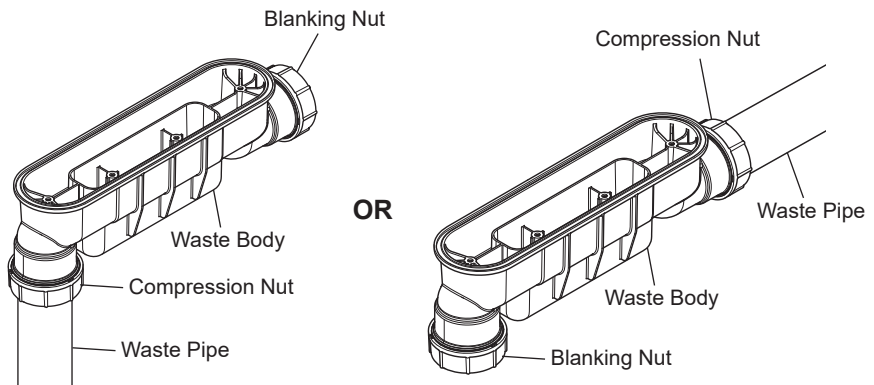
Waste Parts Breakdown



Note: There are 5 screws supplied in the pack, one being a spare in-case of loss. Only 4 screws are required for installation.

Note: The waste will come pre-assembled and tested in the side outlet configuration. The blanking nut and seal will be pre-fitted to the vertical outlet.

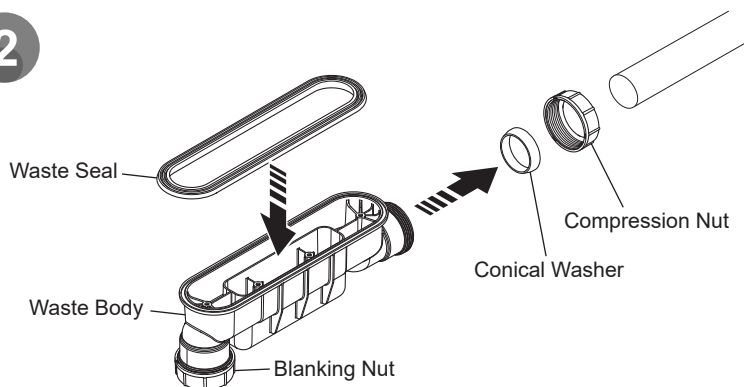
1



- a. The waste has two drain outlet options. Utilise the outlet suitable for your waste pipe configuration.
- b. Shut-off the unused outlet using the blanking nut and washer.

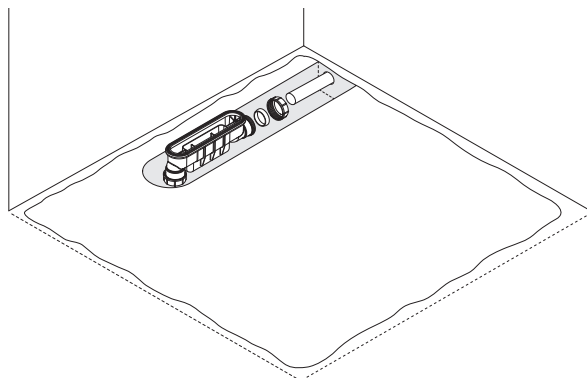
Note: Ensure the blanking cover is fully tightened to avoid leaks.

2



Note: Ensure the waste seal is correctly engaged and positioned around the top of the waste body.

3



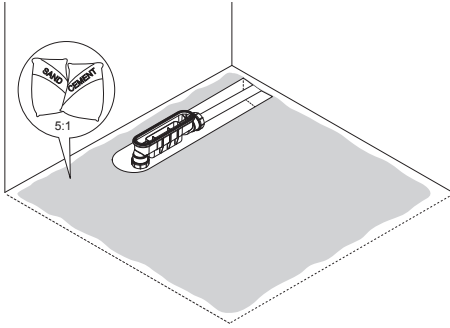
For water to drain away properly, the waste pipe must have a minimum of 18 mm per meter fall. The waste pipe must be properly supported to hold its own weight and that of the waste assembly.

- a. Connect the waste body to the waste pipe and tighten the compression nut.
- b. Pour water down the drain to check that the waste is not blocked and there are no leaks.
- c. Re-site the tray to ensure the waste hole alignment, adjust as necessary.

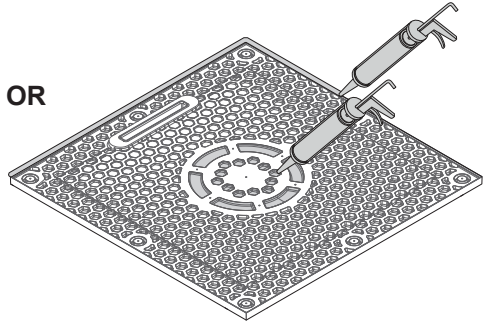
Note: Ensure the compression nut is fully tightened onto the pipe to avoid leaks.

Note: Ensure the waste body is completely parallel and fully aligned to the tray orientation, this is vital to ensure the waste can be fitted through the tray waste opening and the screw holes in the waste body perfectly align with the corresponding screw holes in the top bracket.

4



OR



Carefully cover the waste to prevent any dirt and debris from entering while preparing a bed of sand and cement or silicon sealant for shower tray.

Ensure floor/substrate is level, solid and with no movement.

Ensure floor/substrate is dry, clean and dust/debris free.

Ensure floor/substrate is suitably primed.

It is recommended to use a 5:1 ratio of sand and cement, ensuring adequate mortar distribution under the tray with a minimum 10mm thickness.

Alternatively, if this is not practical, a suitable construction adhesive may be used but this **MUST** be suitable for the substrate being adhered to (check construction adhesive label for suitability prior to use).

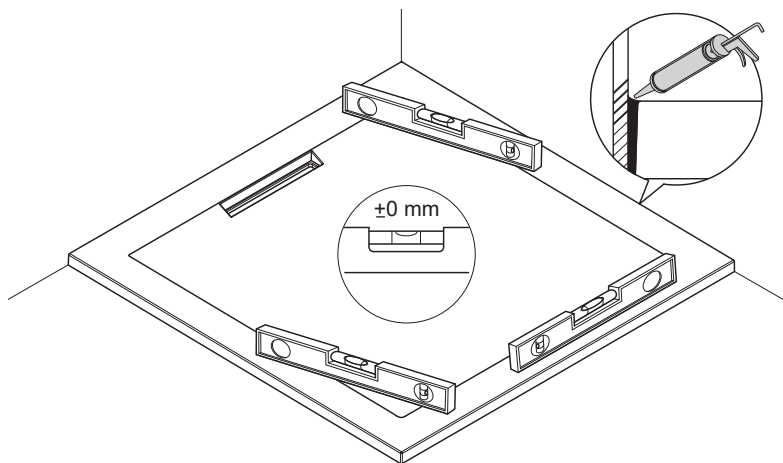
The construction adhesive should be applied to all contact points underneath the tray. The tray should then be pushed down onto the substrate until it is level in all planes.

Important! Kohler Mira are not liable for the performance of 3rd party adhesives and materials.

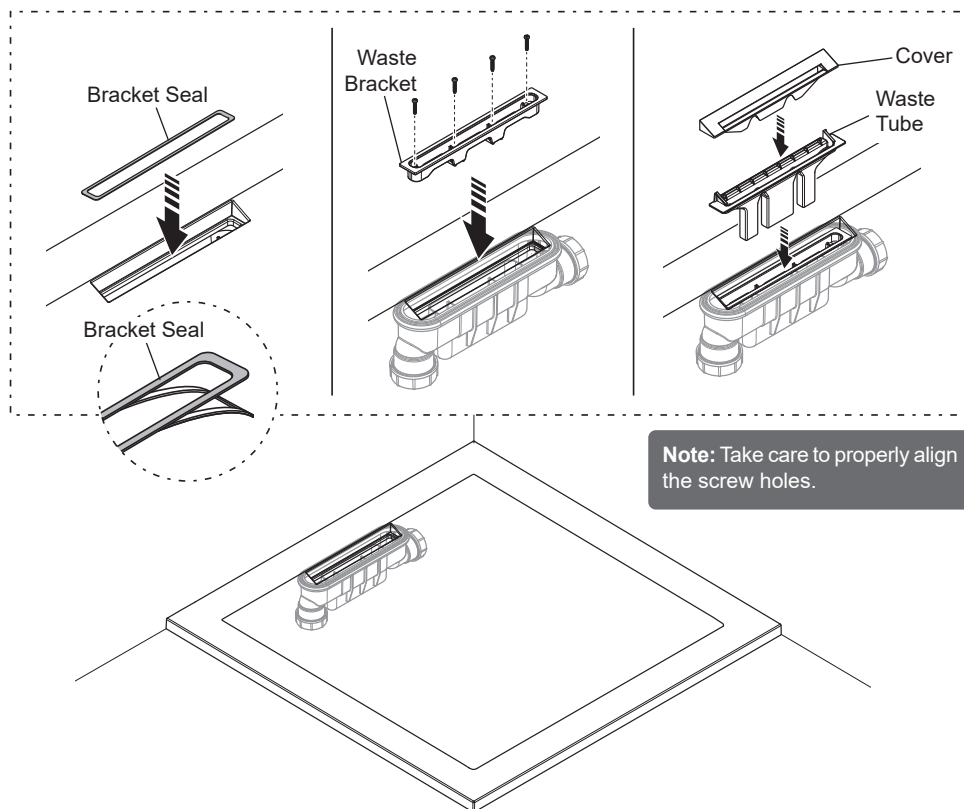
5

Note: Double check the waste position is correct and is aligned to the tray waste opening prior to the tray being fixed into place.

Note: Due to the shallow nature of the tray design, it is imperative that the tray is installed completely level in all planes. Failure to do so may lead to water build up in the tray and overflowing.



- a. Place the shower tray on your base (sand/cement or silicon) and using a spirit level check that it is straight and level.
- b. Prior to pushing the tray into place, apply a bead of silicone sealant around the upright edges of the tray where it will contact the wall.



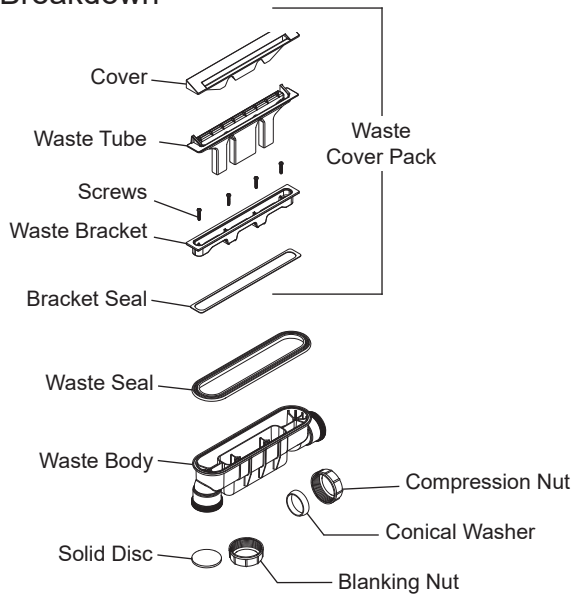
- a. Fit the bracket seal. The seal is adhesive on one side. The paper needs to be pulled off and the seal stuck to the ledge around the waste opening on the tray.
- b. Install the waste bracket and tighten using screws (only use fixing screws supplied) to ensure a correct seal. Ensure tight enough to form a good seal, however **DO NOT** overtighten. For ease, its recommended to fit the two end screws first.

Note: Use hand screw driver only to avoid damage.

- c. Press fit the waste tube and cover.
- d. Check the waste for leaks.

Shower Tray Installation (With Legs)

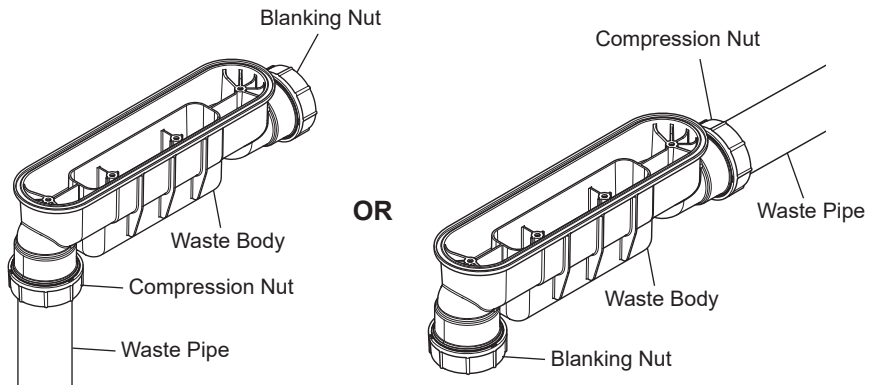
Waste Parts Breakdown



Note: There are 5 screws supplied in the pack, one being a spare in-case of loss. Only 4 screws are required for installation.

Note: The waste will come pre-assembled and tested in the side outlet configuration. The blanking nut and seal will be pre-fitted to the vertical outlet.

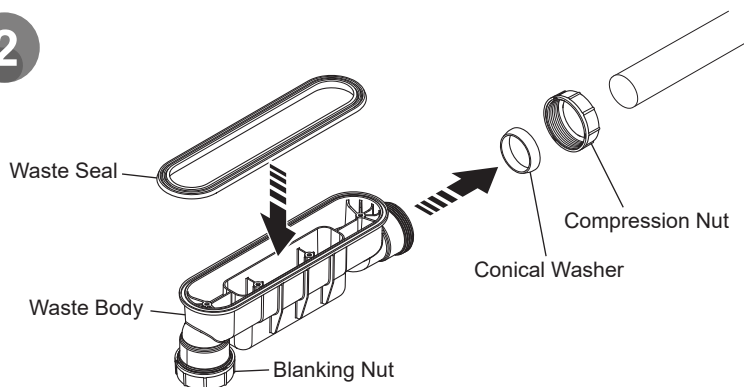
1



- a. The waste has two drain outlet options. Utilise the outlet suitable for your waste pipe configuration.
- b. Shut-off the unused outlet using the blanking nut and washer.

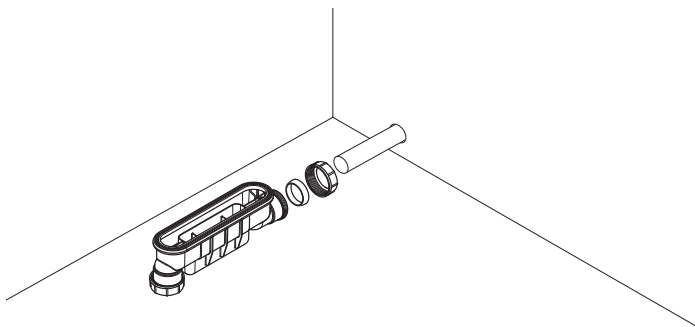
Note: Ensure the blanking cover is fully tightened to avoid leaks.

2



Note: Ensure the waste seal is correctly engaged and positioned around the top of the waste body.

3



For water to drain away properly, the waste pipe must have a minimum of 18 mm per meter fall. The waste pipe must be properly supported to hold its own weight and that of the waste assembly.

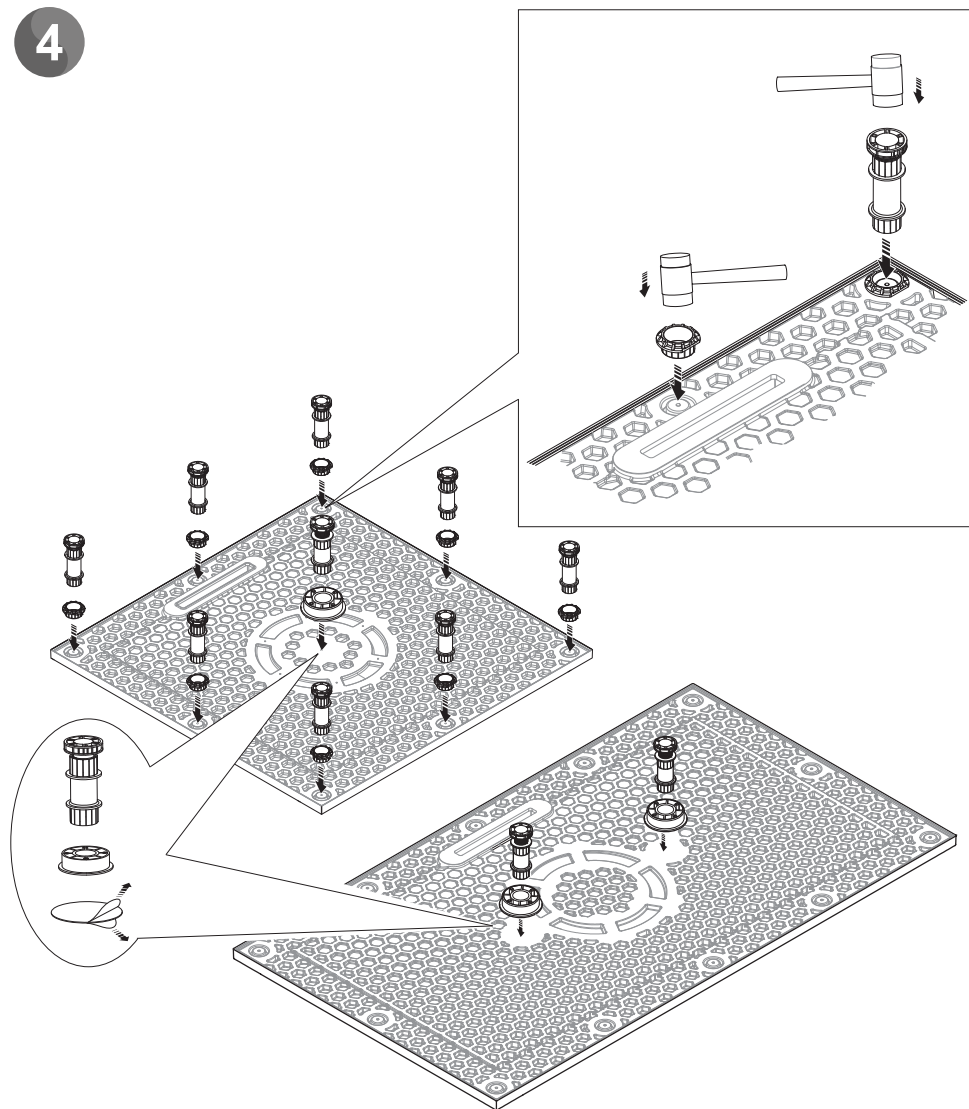
- a. Connect the waste body to the waste pipe and tighten the compression nut.
- b. Pour water down the drain to check that the waste is not blocked and there are no leaks.
- c. Re-site the tray to ensure the waste hole alignment, adjust as necessary.

Note: Ensure the compression nut is fully tightened onto the pipe to avoid leaks.

Note: Ensure the waste body is completely parallel and fully aligned to the tray orientation, this is vital to ensure the waste can be fitted through the tray waste opening and the screw holes in the waste body perfectly align with the corresponding screw holes in the top bracket.

Note: The waste should be connected to 40 mm rigid waste pipe only, which must be installed to have a minimum fall of 18 mm per meter. The fall of the waste pipe directly impacts the efficiency of water drainage, the greater the fall, the better the drainage.

4



Note: Trays over 1200mm long have 2 central feet.

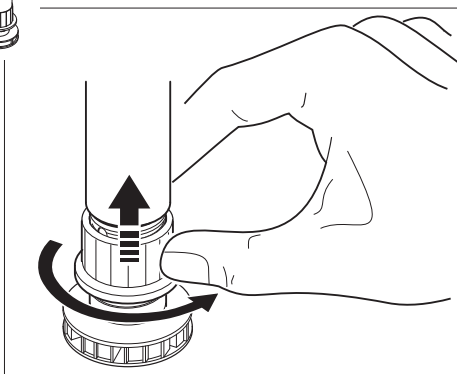
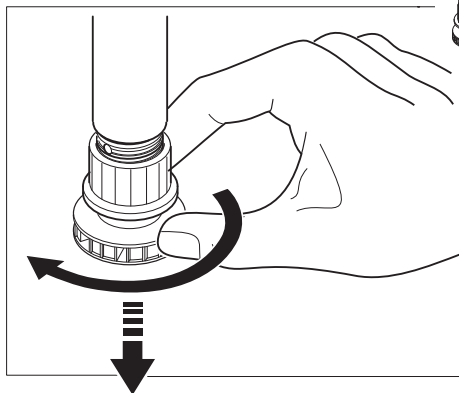
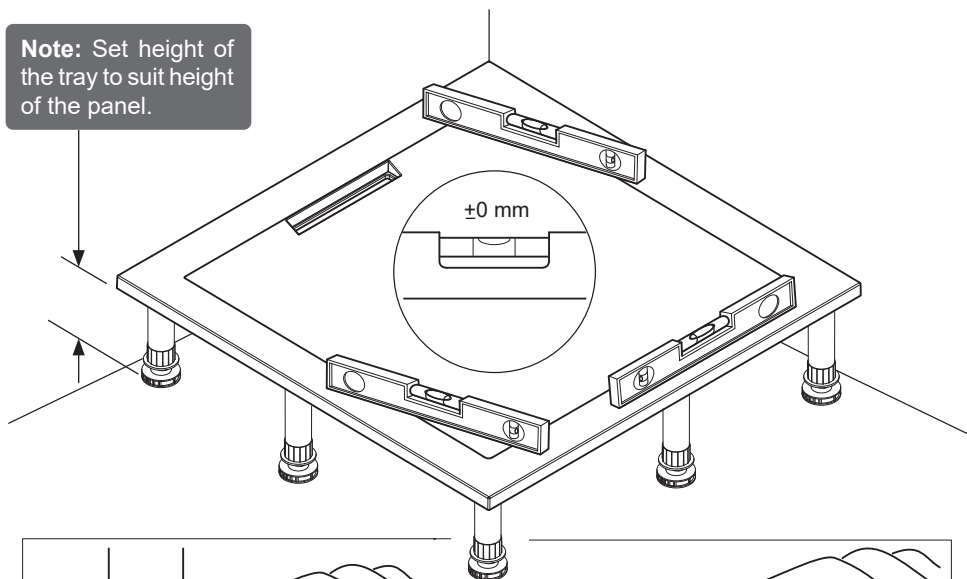
- a. Place the tray upside down on a soft protected surface.
- b. Install the legs as illustrated.

Note: The adaptors and legs are designed to be a tight fit, tap gently into place with a mallet.

- c. Square tray shown. Installation of the Rectangular and the Quadrant is similar.

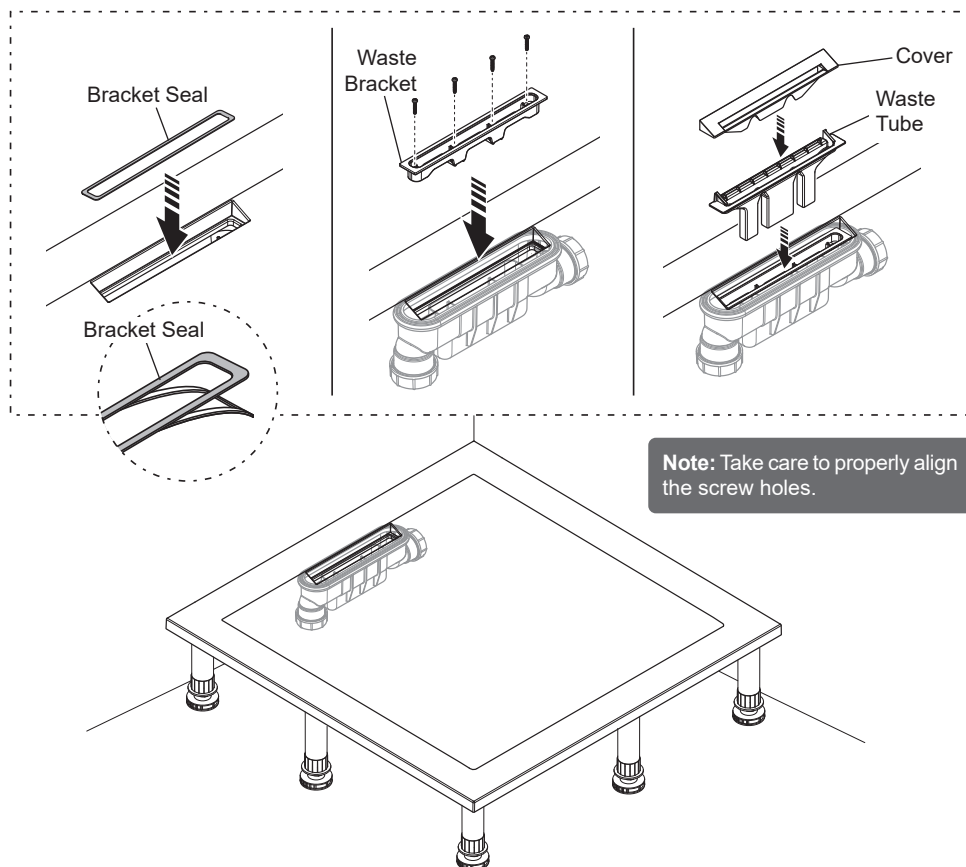
5

Note: Set height of the tray to suit height of the panel.



Note: Due to the shallow nature of the tray design, it is imperative that the tray is installed completely level in all planes. Failure to do so may lead to water build up in the tray and overflowing.

- a. Place the shower tray on a flat surface and using a spirit level check that it is straight and flat and that the shower cubicle will sit on its surface correctly when fitted.
- b. Make sure locking nuts are secure.



- a. Fit the bracket seal. The seal is adhesive on one side. The paper needs to be pulled off and the seal stuck to the ledge around the waste opening on the tray.
- b. Install the waste bracket and tighten using screws (only use fixing screws supplied) to ensure a correct seal. Ensure tight enough to form a good seal, however **DO NOT** overtighten. For ease, its recommended to fit the two end screws first.

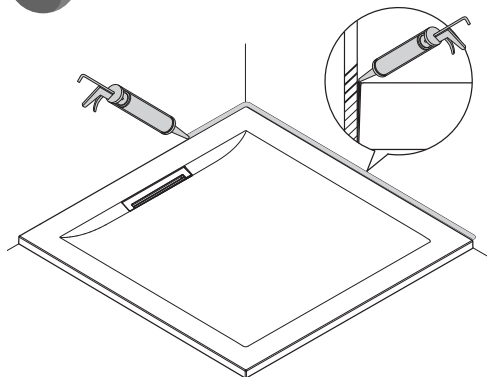
Note: Use hand screw driver only to avoid damage.

- c. Press fit the waste tube and cover.
- d. Check the waste for leaks.

Sealing the Shower Tray

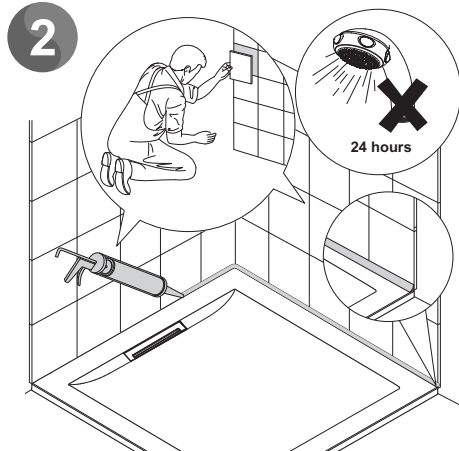
Non-Upstand Trays

1



Apply silicone sealant in accordance with the manufacturer's instructions to seal the shower tray to the wall.

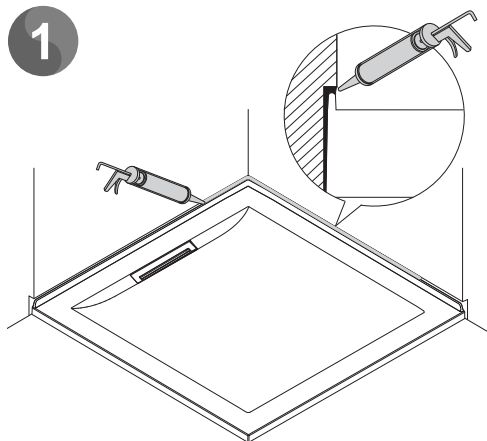
2



Tile the walls down on top of shower tray. Apply silicone sealant in accordance with the manufacturer's instructions to seal the shower tray to the tiled wall surface.

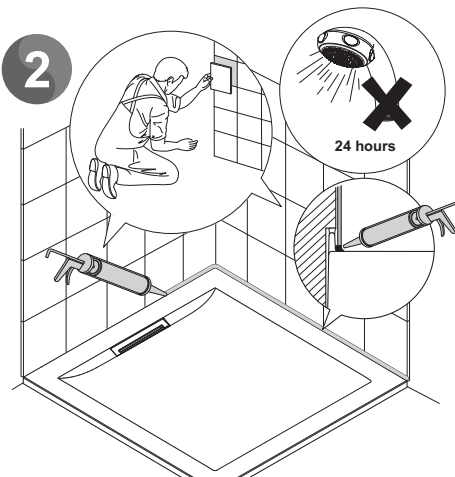
Upstand Trays

1



Apply silicone sealant in accordance with the manufacturer's instructions to seal the shower tray to the wall.

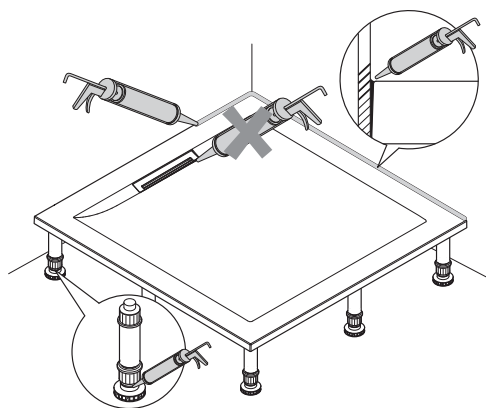
2



Tile the walls down on top of shower tray. Apply silicone sealant in accordance with the manufacturer's instructions to seal the shower tray to the tiled wall surface.

Shower Tray with Legs

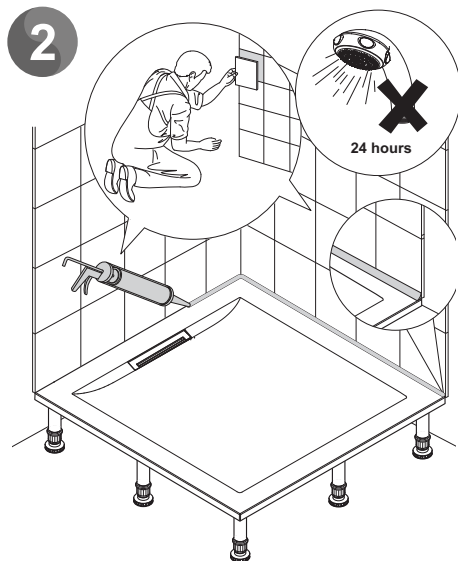
1



Seal the legs to the floor with silicone sealant.

Apply silicone sealant in accordance with the manufacturer's instructions to seal the shower tray to the wall.

2



Tile the walls down on top of shower tray.

Apply silicone sealant in accordance with the manufacturer's instructions to seal the shower tray to the tiled wall surface.

Note: Kohler Mira does not supply a fascia panel for level tray products. It is expected the installer will source and install their own fascia.

Care and Maintenance

Warning! The use of grout/tile cleaners, scale removers, abrasive scourers, drain unblockers and other powerful detergents may lead to damage of metallic, plated and plastic surfaces, including the tray and shower waste.

The acrylic surface of this shower tray has good resistance properties to acids but should not come into contact with alkalis or organic solvents, such as caustic soda, dry cleaning agents, paint strippers and strong acids. Should the shower tray be subjected to any non-approved substance it must be cleaned immediately. Particular care must be taken not to damage the manufacturing logo.

Only clean this shower tray with hot soapy water, the tray should be wiped dry with a lint free cloth.

Cleaners of gritty or abrasive nature should **never** be used.

Care should be taken when cleaning anti-slip surface.

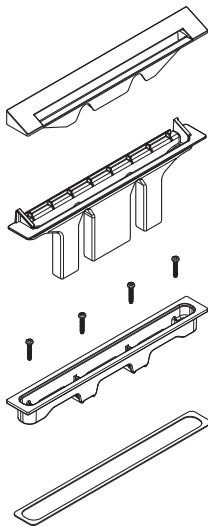
Regularly clean the waste to ensure correct operation.

The waste cover and trap (tube) section can be removed for easy cleaning.

The waste cover has an integrated hair catcher that should be cleaned regularly to avoid reduction in flow rate.

Kohler Mira cannot be held responsible for damage or the effects e.g. discoloration, caused by third party substances and / or materials such as bath or shower mats.

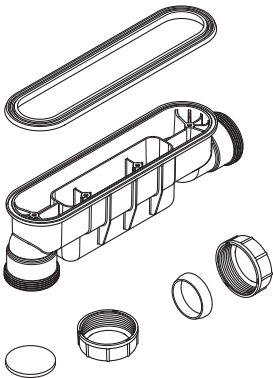
Spare Parts



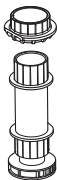
1898.195
Cover (White Gloss)
1898.196
Cover (White Satin)
1898.197
Cover (Gray Anthracite)



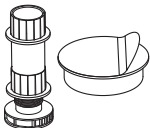
1898.198
Screw Pack



1898.194
Waste Body



1898.199
Riser Leg (x1)



1898.200
Central Leg (x1)

Riser Leg Kits		
2.1898.170	-	<i>9 Leg Kit</i>
2.1898.171	-	<i>11 Leg Kit</i>
2.1898.172	-	<i>14 Leg Kit</i>
2.1898.173	-	<i>16 Leg Kit</i>



Kohler Mira Ltd, Cromwell Road, Cheltenham, Gloucestershire
GL52 5EP, UK.

Kohler Mira

Flight Level Range of Shower Trays

Declaration of Performance: CE 0130

BS EN 14527:2016

Customer Support

Guarantee

Your product has the benefit of our manufacture's 10 year guarantee (5 years for any commercial installations) which starts from date of purchase. This guarantee only applies in the United Kingdom and Republic of Ireland.

Note: Wastes, upstand kits and riser kits are guaranteed for 1 year only.

To activate this guarantee, please return your completed registration card, visit our website or free phone 0800 0731248 within 30 days of purchase (UK only).

Within the guarantee period we will resolve defects in materials or workmanship by either repairing the product, providing new goods and parts to you in replacement or refunding (up to but not in excess of) the original purchase price, as we may choose.

This guarantee is in addition to your statutory rights and is subject to the following conditions:

- The guarantee applies solely to the original installation under normal domestic use and to the original purchaser only. The product must be installed and maintained in accordance with the instructions given in this guide. The product must be inspected and issues reported before installation.
- Servicing must only be undertaken by us or our appointed representative. Note! If a service visit is required the product must be fully installed and connected to services.
- Repair under this guarantee does not extend the original expiry date. The guarantee on any replacement parts or product ends at the original expiry date.
- For trims or consumable items we reserve the right to supply replacement parts only.

The guarantee does not cover:

- Call out charges for damage or defects caused by incorrect installation, frost damage, mildew, limescale, corrosion, chemical attack, lack of maintenance, improper use, inappropriate cleaning (please refer to our Care and Maintenance Instructions) or where no fault has been found with the product.
- Compensation for loss of use of the product or consequential or indirect loss of any kind.
- Damage or defects caused if the product is repaired or modified by persons not authorised by us or our appointed representative.
- Wear and tear.
- Accidental or wilful damage.
- Products purchased ex-showroom display.
- Costs of removal of the product following installation and/or reinstallation of any replacement product (or part) including without limitation, tiling costs.

IMPORTANT! TRAYS MUST BE INSPECTED FOR DEFECTS AND/OR DISTORTION PRIOR TO INSTALLATION. THIS GUARANTEE DOES NOT COVER THE COSTS OF REMOVAL AND/OR REINSTALLATION WHERE A DEFECT WOULD HAVE BEEN DISCOVERED BY INSPECTION PRIOR TO INSTALLATION.

What to do if something goes wrong

If your product does not function correctly when you first use it, contact your installer to check that it is installed in accordance with the instructions in this manual. If this does not resolve the issue, contact us for help and advice.



Helpdesk Service

Contact our Customer Services Team for product advice, to purchase spare parts or accessories or to set up service visit.

We will need you to have your model name or number and date of purchase.



Mira Showers Website (www.mirashowers.co.uk)

Visit our website to register your guarantee, download user guides, diagnose faults, purchase our full range of accessories and popular spares, or request a service visit.



Spares and Accessories

We hold the largest stocks of genuine Mira spares and accessories. Contact us for a price or visit our website to purchase items from our accessory range and popular spares. (Only available in the United Kingdom)

To Contact Us: UK



0800 001 4040



Fax: 01242 282595



Email – Visit

www.mirashowers.co.uk/support/contact-us



By Post: **Mira Customer Services Dept, Cromwell Road, Cheltenham, Gloucestershire GL52 5EP**

To Contact Us: Eire Only



01 531 9337



E-mail:

CustomerServiceEire@mirashowers.com

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The company reserves the right to alter product specifications without notice.

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