

Installation Instructions

1.4.16 Installation

JESANI® STANDARD DOOR CHANNEL and JESANI® CAVITY DOOR CHANNEL

Timber Framed Floor

The Jesani® Standard Door and Cavity Door Channel is installed on a timber-framed floor by:

- Ensure you have the correct plumbing set up as per **Acceptable Solution G13/AS1**:
 - a. Dry waste
 - b. Multiple outlets – **See Figure 2: Multiple Outlets**
 - c. Dry waste system – **See Figure 3: Floor waste stacks and pipes.**
- Cutting the correct size slot for the trough in the flooring substrate (plywood or other sheet flooring material).
- Check for high points in the flooring, as the finished tile height is the top of the grill
- The channel fitted into the cut slot, ensuring the wider horizontal flange situated on the 'wet' side of the door opening.
- The Channel is then screw-fixed to floor framing either side using the pre-drilled holes in the horizontal flanges.
- The 'wet' side flooring substrate is covered with a tile underlay, ensuring a minimum 20mm overlap over the horizontal flange.
- The waterproof membrane must completely cover the flange on the 'wet' side of the channel.
- The grate is inserted into the channel.
- Connection to the waste pipe must be carried out before the floor cavity is permanently closed and prior to completion of the works.
- Floor tiles on the 'wet' side of the channel shall finish flush with the trough edge.
- Vinyl on the 'wet' side of the channel shall finish flush against the internal upstand
- Floor coverings on the 'dry' side of the channel shall finish against the flange upstand.

Concrete Floor

The Jesani® Standard Door and Cavity Door Channel is installed on a concrete floor by:

- Ensure you have the correct plumbing set up as per **Acceptable Solution G13/AS1**:
 - a. Dry waste
 - b. Multiple outlets – **See Figure 2: Multiple Outlets**
 - c. Dry waste system – **See Figure 3: Floor waste stacks and pipes.**
- Boxing out the area required for the channel.
- Check for high points in the flooring, as the finished tile height is the top of the grill
- The channel is then installed into the rebated area, ensuring the wider horizontal flange situated on the 'wet' side of the door opening, and connected to the waste pipe.
- Concrete is poured and compacted around the channel to allow it to sit firmly in position, and the concrete allowed to dry for a minimum of 12 hours.
- The concrete for the remainder of the floor is then poured.
- When the concrete has dried, the channel is fixed to the concrete floor with nail-in nylon plugs using the pre-drilled holes in the horizontal flanges.
- The waterproof membrane must completely cover the flange on the 'wet' side of the channel.
- The grate is inserted into the channel.
- Floor tiles on the 'wet' side of the channel shall finish flush with the trough edge.
- Vinyl on the 'wet' side of the channel shall finish flush against the internal upstand
- Floor coverings on the 'dry' side of the channel shall finish against the flange upstand

JESANI® SHOWER DOOR CHANNEL

Timber Framed Floor

The Jesani® Shower Door Channel is installed on a timber-framed floor by:

- Ensure you have the correct plumbing set up as per **Acceptable Solution G13/AS1**:
 - a. Dry waste
 - b. Multiple outlets – **See Figure 2: Multiple Outlets**
 - c. Dry waste system – **See Figure 3: Floor waste stacks and pipes.**
- Cutting the correct size slot for the trough in the flooring substrate (plywood or other sheet flooring material) and the channel fitted into the slot.
- Check for high points in the flooring, as the finished tile height is the top of the grill
- The channel is then screw-fixed to the floor framing either side using the pre-drilled holes in the horizontal flanges.
- The flooring substrate is covered with a tile underlay, ensuring a minimum 20mm overlap over the horizontal flange.
- The waterproof membrane must completely cover the horizontal flanges and into the front face of the channel trough. It is optional to waterproof the trough, however, ensure the outlet is not covered.
- Underfloor Heating will provide a height variation from the bathroom side of channel to the shower side of channel. Consideration is necessary to ensure a level finish of both sides of channel to match the finished grill height.
- The grate is inserted into the channel.
- Connection to the waste pipe must be carried out before the floor cavity is permanently closed and prior to completion of the works.
- Floor tiles either side of the channel shall finish flush with the trough edge.

Concrete Floor

The Jesani® Shower Door Channel is installed on a concrete floor by:

- Ensure you have the correct plumbing set up as per **Acceptable Solution G13/AS1**:
 - a. Dry waste
 - b. Multiple outlets – **See Figure 2: Multiple Outlets**
 - c. Dry waste system – **See Figure 3: Floor waste stacks and pipes.**
- Boxing out the area required for the channel, ensuring the concrete floor can be constructed with the correct falls.
- Check for high points in the flooring, as the finished tile height is the top of the grill
- The channel is then installed into the rebated area and connected to the waste pipe.
- Concrete is poured and compacted around the channel to allow it to sit firmly in position, and the concrete allowed to dry for a minimum of 12 hours.
- The concrete for the remainder of the floor is then poured either side, ensuring correct falls are achieved.
- When the concrete has dried, the channel is fixed to the concrete floor using nail-in nylon plugs using the pre-drilled holes in the horizontal flange(s).
- The waterproof membrane must completely cover the horizontal flanges and into the front face of the channel trough. It is optional to waterproof the trough, however, ensure the outlet is not covered.
- Underfloor Heating will provide a height variation from the bathroom side of channel to the shower side of channel. Consideration is necessary to ensure a level finish of both sides of channel to match the finished grill height.
- The grate is inserted into the channel.
- Floor tiles either side of the channel shall finish flush with the trough edge.
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JESANI® WALL MOUNTED SHOWER CHANNEL

Timber Framed Floor

The Jesani® Wall Mounted Shower Channel is installed on a timber-framed floor by:

- Cutting the correct size slot for the trough in the flooring substrate (plywood or other sheet flooring material) and the channel fitted into the slot.
- The channel is then screw-fixed to wall framing using the pre-drilled holes in the flanges.
- The walls are then lined, ensuring a minimum 20mm overlap over the vertical flange.
- The flooring substrate is covered with a tile underlay, ensuring a minimum of 20mm overlap over the horizontal flange.
- The waterproof membrane must completely cover the horizontal flanges and into the front face of the channel trough. It is optional to waterproof the trough, however, ensure the outlet is not covered.
- The grate is inserted into the channel.
- Connection to the waste pipe must be carried out before the floor cavity is permanently closed and prior to completion of the works.
- Floor tiles shall finish flush with the trough edge.
- Wall tiles to finish 10mm above the bottom of the trough

Concrete Floor

The Jesani® Wall Mounted Shower Channel is installed on a concrete floor by:

- Boxing out the area required for the channel, ensuring the concrete floor can be constructed with the correct falls.
- The channel is then installed into the rebated area and connected to the waste pipe.
- Concrete is poured and compacted around the channel to allow it to sit firmly in position, and the concrete allowed to dry for a minimum of 12 hours.
- The concrete for the remainder of the shower base is then poured, ensuring correct falls to the channel from all areas are achieved.
- When the concrete has dried, the channel is fixed to the concrete floor using nail-in nylon plugs using the pre-drilled holes.
- For wall-fixed installations, the vertical flange is screw-fixed to wall framing or to concrete/masonry walls using the pre-drilled holes.
- The waterproof membrane must completely cover the horizontal flanges and into the front face of the channel trough. It is optional to waterproof the trough, however, ensure the outlet is not covered.
- The grate is inserted into the channel.
- Floor tiles shall finish flush with the trough edge.
- Wall tiles to finish 10mm above the bottom of the trough

JESANI® THRESHOLD OR CENTRE SHOWER CHANNEL

Timber Framed Floor

The Jesani® Threshold or Centre Shower Channel is installed on a timber-framed floor by:

- Cutting the correct size slot for the trough in the flooring substrate (plywood or other sheet flooring material) and the channel fitted into the slot.
- The channel is then screw-fixed to floor framing using the pre-drilled holes in the flanges.
- The flooring substrate is covered with a tile underlay, ensuring a minimum 20mm overlap over the horizontal flange.
- The waterproof membrane must completely cover the horizontal flanges and into the front face of the channel trough. It is optional to waterproof the trough, however, ensure the outlet is not covered.
- Underfloor Heating will provide a height variation from the bathroom side of channel to the shower side of channel. Consideration is necessary to ensure a level finish of both sides of channel to match the finished grill height.
- The grate is inserted into the channel.
- Connection to the waste pipe must be carried out before the floor cavity is permanently closed prior to completion of the works.
- Floor tiles either side of the channel shall finish flush with the trough edge.
- Wall tiles at either end of channel to finish 10mm above the bottom of the trough.

Concrete Floor

The Jesani® Threshold or Centre Shower Channel is installed on a concrete floor by:

- Boxing out the area required for the channel, ensuring the concrete floor can be constructed with the correct falls.
- The channel is then installed into the rebated area and connected to the waste pipe.
- Concrete is poured and compacted around the channel to allow it to sit firmly in position, and the concrete allowed to dry for a minimum of 12 hours.
- The concrete for the remainder of the shower base is then poured, ensuring correct falls to the channel from all areas are achieved.
- When the concrete has dried, the channel is fixed to the concrete floor using nail-in nylon plugs using the pre-drilled holes in the horizontal flange(s).
- The waterproof membrane must completely cover the horizontal flanges and into the front face of the channel trough. It is optional to waterproof the trough, however, ensure the outlet is not covered.
- Underfloor Heating will provide a height variation from the bathroom side of channel to the shower side of channel. Consideration is necessary to ensure a level finish of both sides of channel to match the finished grill height.
- The grate is inserted into the channel.
- Floor tiles either side of the channel shall finish flush with the trough edge.
- Wall tiles at either end of channel to finish 10mm above the bottom of the trough.



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JESANI® VINYL CLAMP SHOWER CHANNEL

Timber Framed Floor

The Jesani® Vinyl Clamp Channel is installed on a timber-framed floor by:

- Cutting the correct size slot for the trough in the flooring substrate (plywood or other sheet flooring material) and the channel fitted into the slot.
- The channel is then screw-fixed to floor and/or wall framing using the pre-drilled holes in the horizontal and/or vertical flanges.
- The waterproof membrane must completely cover the horizontal flanges.
- Ensure vinyl finishes in the clamping zone for the clamping system to be installed correctly.
- The grate is inserted on top of the clamping carriage.
- Connection to the waste pipe must be carried out before the floor cavity is permanently closed and prior to completion of the works.

Concrete Floor

The Jesani® Vinyl Clamp Channel is installed on a concrete floor by:

- Boxing out the area required for the channel, ensuring the concrete floor can be constructed with the correct falls.
- The channel is then installed into the rebated area and connected to the waste pipe.
- Concrete is poured and compacted around the channel to allow it to sit firmly in position, and the concrete allowed to dry for a minimum of 12 hours.
- The concrete for the remainder of the shower base is then poured, ensuring correct falls to the channel from all areas are achieved.
- When the concrete has dried, the channel is fixed to the concrete floor using nail-in nylon plugs using the pre-drilled holes in the horizontal flange(s).
- The waterproof membrane must completely cover the horizontal flanges.
- Ensure vinyl finishes in the clamping zone for the clamping system to be installed correctly.
- The grate is inserted on top of the clamping carriage.



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JESANI® SLIMLINE CHANNEL

Timber Framed Floor

The Jesani® Slimline Channel is installed on a timber floor by:

- Cutting the correct size slot for the trough in the flooring substrate (plywood or other sheet flooring material) and the channel fitted into the slot
- -The channel is then screw-fixed to wall and floor framing using the pre-drilled holes in the horizontal and vertical flanges.
- -The walls are then lined, ensuring a minimum 20mm overlap over the vertical flange.
- -Where specified, the flooring substrate is covered with a tile underlay, ensuring a minimum 20mm overlap over the horizontal flange.
- The waterproof membrane must completely cover the horizontal flanges and into the front face of the channel trough. It is optional to waterproof the trough, however, ensure the outlet is not covered.
- -The grate is inserted into the channel.
- -Connection to the waste pipe must be carried out before the floor cavity is permanently closed and prior to the completion of the works.
- -Floor tiles shall finish flush with the trough edge.
- Wall tiles to finish 10mm above the bottom of the trough.

Concrete Floor

The Jesani® Slimline Channel is installed on a concrete floor by:

- Boxing out the area required for the channel.
- The channel is then installed inside the formwork and connected to the waste pipe.
- Concrete is poured and compacted around the channel to allow it to sit firmly in position, and the concrete allowed to dry for a minimum of 12 hours.
- The concrete for the remainder of the floor is then poured.
- When the concrete has dried, the channel is fixed to the concrete floor using nail-in nylon plugs using the pre-drilled holes in the horizontal flange.
- The vertical flange is screw-fixed to wall framing or to concrete/masonry walls using the pre-drilled holes in the vertical flange.
- The waterproof membrane must completely cover the horizontal flanges and into the front face of the channel trough. It is optional to waterproof the trough, however, ensure the outlet is not covered.
- The grate is inserted into the channel.
- Floor tiles shall finish flush with the trough edge.
- Wall tiles to finish 10mm above the bottom of the trough.

JESANI® APPLIANCE CHANNEL

Timber Framed Floor

The Jesani® Appliance Channel is installed on a timber-framed floor by:

- Ensure you have the correct plumbing set up as per **Acceptable Solution G13/AS1**:
 - a. Dry waste
 - b. Multiple outlets – **See Figure 2: Multiple Outlets**
 - c. Dry waste system – **See Figure 3: Floor waste stacks and pipes.**
- Cutting the correct size slot for the trough in the flooring substrate (plywood or other sheet flooring material).
- The channel fitted into the cut slot, ensuring the wider horizontal flange situated on the 'wet' side of the door opening.
- The channel is then screw-fixed to floor framing either side using the pre-drilled holes in the horizontal flanges.
- The 'wet' side flooring substrate is covered with a tile underlay, ensuring a minimum 20mm overlap over the horizontal flange.
- The waterproof membrane must completely cover the flange on the 'wet' side of the channel.
- The grate is inserted into the channel.
- Connection to the waste pipe must be carried out before the floor cavity is permanently closed and prior to completion of the works.
- Floor tiles on the 'wet' side of the channel shall finish flush with the trough edge.
- Vinyl on the 'wet' side of the channel shall finish flush against the internal upstand.
- Floor coverings on the 'dry' side of the channel shall finish against the flange upstand.

Concrete Floor

Jesani® Appliance Channel is installed on concrete floor by:

- Ensure you have the correct plumbing set up as per **Acceptable Solution G13/AS1**:
 - a. Dry waste
 - b. Multiple outlets – **See Figure 2: Multiple Outlets**
 - c. Dry waste system – **See Figure 3: Floor waste stacks and pipes.**
- Boxing out the area required for the channel.
- The channel is then installed inside the formwork, ensuring the wider horizontal flange situated on the 'wet' side of the door opening, and connected to the waste pipe.
- Concrete is poured and compacted around the channel to allow it to sit firmly in position, and the concrete allowed to dry for a minimum of 12 hours.
- The concrete for the remainder of the floor is then poured.
- When the concrete has dried, the channel is fixed to the concrete floor with nail-in nylon plugs using the pre-drilled holes in the horizontal flanges.
- The waterproof membrane must completely cover the flange on the 'wet' side of the channel.
- The grate is inserted into the channel.
- Floor tiles on the 'wet' side of the channel shall finish flush with the trough edge.
- Vinyl on the 'wet' side of the channel shall finish flush against the internal upstand.
- Floor coverings on the 'dry' side of the channel shall finish against the flange upstand.



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1.4.16 Completion

Check the Jesani® Wetroom Drainage Channels have been correctly installed in accordance with the manufacturer's requirements to the locations, layout and details shown on the design drawings. Ensure each drainage channel is connected to the associated plumbing and there is unobstructed drainage flow at the channel outlet.

Check the drainage channel installation is correctly positioned and aligned for subsequent tiled floor finishes and other adjacent floor coverings where applicable.

Check the installation for damage and defects. Carry out any necessary repairs/replacement to the required standard. Replace drainage channels where repair is not possible or unacceptable.

Leave this work complete, in full working order and to the required standard.

Leave surrounding surfaces clean and free of rubbish and debris. Remove all rubbish and excess material from the site.

Issue the Owner a copy of the Jesani Distributions Ltd maintenance requirements, and a copy of the Jesani Distributions Ltd Warranty.

Where required, issue all required As-Built Documentation to the relevant parties.



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