

Bathroom drain

Horizontal



The **bathroom drain from butech** is a drain for built in shower trays with horizontal outlet. It features a wide dish around the grate, which eases the connection to the **imperband waterproofing sheet**. It helps to solve easily and effectively outdoor waterproofing and drainage.

The 10 cm connecting piece between the grate and the drain can be cut, so that we can adjust the grate height and lay from glass mosaics up to natural stones. Includes steel grating.

Recommended use:

- Drain designed for connecting with **imperband** waterproofing sheet.
- Specially designed for waterproofing built in showers.
- Horizontal outlet.

Features for horizontal bathroom drain

- 75 mm high drain.
- Discharge speed. 0.6 l/s.
- 50 mm diameter ball-and-socket type horizontal outlet.
- 22 cm diameter crown for **imperband** fixation.
- Adapted for installing union clamp in the bathroom drain.
- Optional outlet for serial connections.

Components

- PVC drain.
- U-bend.
- 10 x 10 cm stainless steel grating.
- Connection piece between grating and drain. It includes rubber o-ring.
- Drain protection cover

Complements

Compensation piece:

Connection piece between drain and grating for installations with two overlaid waterproofing levels.

- 30.5 cm diameter crown for **imperband** fixation.
- Adapted for installing union clamp in the bathroom drain.
- 12.5 cm high piece.

Bathroom drain connection:

Clamp for fixing **imperband** sheet to drain.

Includes stainless steel dish, rubber o-ring and 6 fixing screws.

Round grate:

Chromed plastic grating with a 10 x 10 cm round design.

Includes chromed frame.

Installation Guide

This drain from **butech** has been developed for waterproofing with the **membrane imperband**.

Type C2 adhesives are recommended as per EN 12004. **butech** recommends to use **fr-one n** or **one-flex n**.

Waterproofing at one level

Installing the horizontal bathroom drain (100005822) without complements:

1. Connecting the drain to the drain pipe.

Connect the drain outlet to the drain pipe. Protect the drain from debris with the protecting cover.

2. Preparing the shower tray substrate and waterproofing.

Fill the shower tray base with cement mortar up to the fixing crown level and make 2 % slopes towards the drain. Check that the top of the drain plus tile is at the desired level.

Once the substrate dry, install the **imperband** waterproofing sheet by the thin-bed method and cut the portion covering the drain body.

3. Laying the covering material.

Take out the drain body protective cover, insert the connecting piece and, starting from the grate frame, bond the chosen covering.

4. Cut the connection piece between grate and drain.

Once the tiling finished, cut the connecting piece so that the grate frame is flush with the shower tray.

5. Installing the u-bend.

Install the connecting piece over the drain body and install the u-bend. If you wish to seal the grate base, use the rubber o-ring.

6. Installing the decorative grating.

Once the grating base piece installed, seal the joint between frame and covering with **p-404** putty and install the decorative grate. Finally, seal the tile joints with a waterproof material.

Installation Guide

This drain from **butech** has been developed for waterproofing with the membrane **imperband**.

Type C2 adhesives are recommended as per EN 12004. **butech** recommends to use **fr-one n** or **one-flex n**.

Waterproofing at two levels

Installing the horizontal bathroom drain (100005822) plus all the complements available:

- Bathroom compensation piece (100005824)
- Bathroom drain connection (100005825)
- Circular bathroom drain grate (100005826)

1. Connecting the drain to the drain pipe.

Connect the drain outlet to the drain pipe. Protect the drain from debris with the protecting cover.

2. First waterproofing level.

Fill the shower tray base with cement mortar up to the fixing crown level and make 2 % slopes towards the drain. Once the substrate dry, apply the first waterproofing level.

3. Installing the compensation piece.

Take out the waterproofing part which could cover the drain body and take out the protective cover. Place the compensation piece in the groove around the upper part of the drain body. Cover with the protective cover.

4. Second waterproofing level.

Fill with cement mortar from the first waterproofing level until the base of the shower tray, and make 2 % slopes towards the drain. Once the substrate dry, install the **imperband waterproofing sheet** by the thin-bed method and cut the portion covering the drain body.

5. Fixing the waterproofing system to the drain.

Take out the body drain protection cover, place the rubber o-ring on the waterproofing system, cover with the steel ring and screw. Check that the waterproofing system is connected to the drain without leaks.

6. Laying the covering material.

Insert the connecting piece and, starting from the grate frame, bond the chosen covering.

7. Cut the connection piece between grate and drain.

Once the tiling finished, cut the connecting piece so that the grate frame is flush with the shower tray.

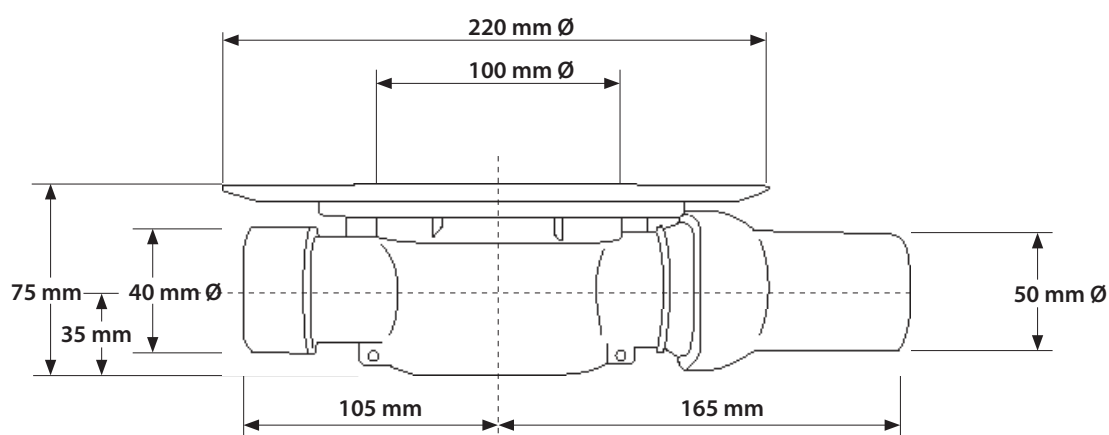
8. Installing the u-bend.

Install the connecting piece over the drain body and install the u-bend. If you wish to seal the grate base, use the rubber o-ring.

9. Installing the circular grate.

Once the grate base piece installed, seal the joint between frame and covering with **p-404** elastic putty and install the frame and the chromed circular grate. Finally, seal the tile joints with a waterproof material.

Drain dimensions



References

KEA	SAP	Product description	Packaging
B82901001	100005822	40 x 50 horizontal bathroom drain	1 u./box
B82901003	100005824	bathroom drain compensation piece	1 u./box
B82901004	100005825	bathroom drain connection	1 u./box
B82901005	100005826	circular bathroom drain grate	1 u./box

Bathroom drain

Vertical



The bathroom drain from butech is a drain for built in shower trays with vertical outlet. It features a wide dish around the grate, which eases the connection to the imperband waterproofing sheet. It helps to solve easily and effectively outdoor waterproofing and drainage.

The 10 cm connecting piece between the grate and the drain can be cut, so that we can adjust the grate height and lay from glass mosaics up to natural stones. Includes steel grating.

Recommended use:

- Drain designed for connecting with imperband waterproofing sheet.
- Specially designed for waterproofing built in showers.
- Vertical outlet.

Features for vertical bathroom drain

- 140 mm high drain.
- Discharge speed. 0.9 l/s.
- 50 mm vertical outlet.
- 26.5 cm diameter crown for imperband fixation.
- Adapted for installing union clamp in the bathroom drain.

Components

- PVC drain.
- U-bend.
- 10 x 10 cm stainless steel grating.
- Connection piece between grating and drain. It includes rubber o-ring.
- Drain protection cover

Complements

Compensation piece:

- Connection piece between drain and grating for installations with two overlaid waterproofing levels.
- 30.5 cm diameter crown for **imperband** fixation.
- Adapted for installing union clamp in the bathroom drain.
- 12.5 cm high piece.

Bathroom drain connection:

Clamp for fixing **imperband** sheet to drain.

Includes stainless steel clamp, rubber o-ring and 6 fixing screws.

Round grating:

Chromed plastic grating with a 10 x 10 cm round design.

Includes chromed frame.

Installation Guide

This drain from **butech** has been developed for waterproofing with the membrane **imperband**.

Type C2 adhesives are recommended as per EN 12004. **butech** recommends to use **fr-one n** or **one-flex n**.

Waterproofing at one level

Installing the vertical bathroom drain (100005823) without complements:

1. Connecting the drain to the drain pipe.

Connect the drain outlet to the drain pipe. Protect the drain from debris with the protecting cover.

2. Preparing the shower tray substrate and waterproofing.

Fill the shower tray base with cement mortar up to the fixing crown level and make 2 % slopes towards the drain. Check that the top of the drain plus tile is at the desired level.

Once the substrate dry, install the **imperband** waterproofing sheet by the thin-bed method and cut the portion covering the drain body.

3. Laying the covering material.

Take out the drain body protective cover, insert the connecting piece and, starting from the grate frame, bond the chosen covering.

4. Cut the connection piece between grate and drain.

Once the tiling finished, cut the connecting piece so that the grate frame is flush with the shower tray.

5. Installing the u-bend.

Install the connecting piece over the drain body and install the u-bend. If you wish to seal the grate base, use the rubber o-ring.

6. Installing the decorative grating.

Once the grating base piece installed, seal the joint between frame and covering with **p-404** putty and install the decorative grate. Finally, seal the tile joints with a waterproof material.

Installation Guide

This drain from **butech** has been developed for waterproofing with the membrane **imperband**.

Type C2 adhesives are recommended as per EN 12004. **butech** recommends to use **fr-one n** or **one-flex n**.

Waterproofing at two levels

Installing the vertical bathroom drain (100005823) plus all the complements available:

- Bathroom compensation piece (100005824)
- Bathroom drain connection (100005825)
- Circular bathroom drain grate (100005826)

1. Connecting the drain to the drain pipe.

Connect the drain outlet to the drain pipe. Protect the drain from debris with the protecting cover.

2. First waterproofing level.

Fill the shower tray base with cement mortar up to the fixing crown level and make 2 % slopes towards the drain. Once the substrate dry, apply the first waterproofing level.

3. Installing the compensation piece.

Take out the waterproofing part which could cover the drain body and take out the protective cover. Place the compensation piece in the groove around the upper part of the drain body. Cover with the protective cover.

4. Second waterproofing level.

Fill with cement mortar from the first waterproofing level until the base of the shower tray, and make 2 % slopes towards the drain. Once the substrate dry, install the **imperband** waterproofing sheet by the thin-bed method and cut the portion covering the drain body.

5. Fixing the waterproofing system to the drain.

Take out the body drain protection cover, place the rubber o-ring on the waterproofing system, cover with the steel ring and screw. Check that the waterproofing system is connected to the drain without leaks.

6. Laying the covering material.

Insert the connecting piece and, starting from the grate frame, bond the chosen covering.

7. Cut the connection piece between grate and drain.

Once the tiling finished, cut the connecting piece so that the grate frame is flush with the shower tray.

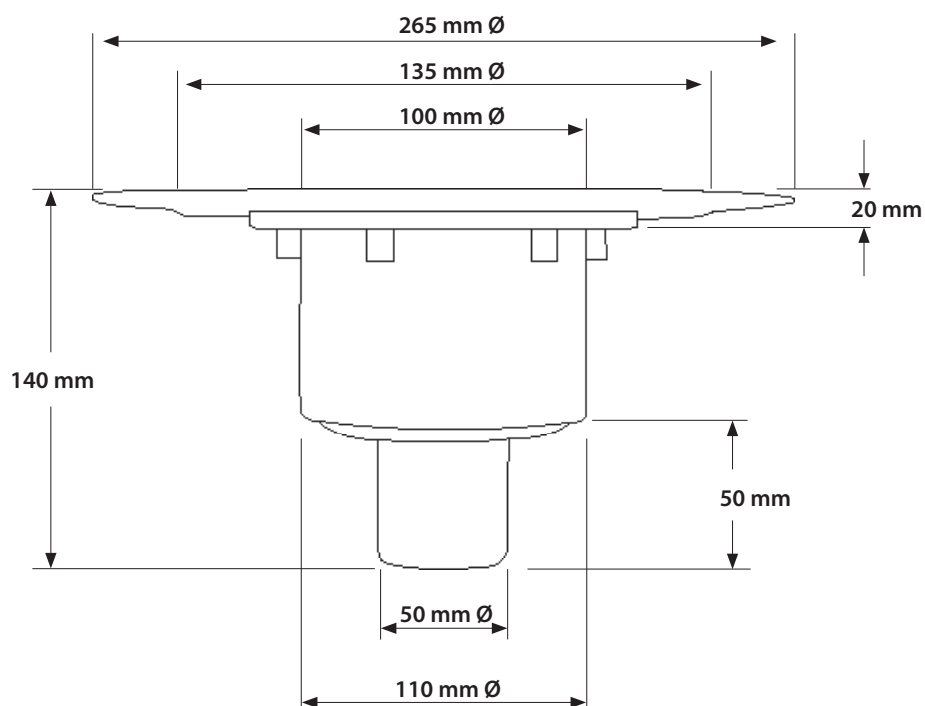
8. Installing the u-bend.

Install the connecting piece over the drain body and install the u-bend. If you wish to seal the grate base, use the rubber o-ring.

9. Installing the circular grate.

Once the grate base piece installed, seal the joint between frame and covering with **p-404** elastic putty and install the frame and the chromed circular grate. Finally, seal the tile joints with a waterproof material.

Drain dimensions



References

KEA	SAP	Product description	Packaging
B82901002	100005823	50 bathroom vertical drain	1 u./box
B82901003	100005824	bathroom drain compensation piece	1 u./box
B82901004	100005825	bathroom drain connection	1 u./box
B82901005	100005826	circular bathroom drain grate	1 u./box