

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [BERNSTEIN](#) /

› [BERNSTEIN EX412 U-Shape Shower Enclosure with 8mm Nano Glass and Shower Tray Instruction Manual](#)

BERNSTEIN EX412

BERNSTEIN EX412 U-Shape Shower Enclosure

Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your BERNSTEIN EX412 U-Shape Shower Enclosure. Please read all instructions carefully before beginning installation or use to ensure proper function and safety. Keep this manual for future reference.

2. SAFETY INSTRUCTIONS

- Always wear appropriate personal protective equipment (PPE) during installation, including safety glasses and gloves.
- Handle glass panels with extreme care. Tempered safety glass, while strong, can shatter if struck at the edges or corners.
- Ensure the installation area is level and structurally sound to support the weight of the shower enclosure and its users.
- Do not overtighten screws, as this can damage components or glass.
- Keep children and pets away from the installation area.
- If you are unsure about any part of the installation process, consult a qualified professional.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation. If any parts are missing or damaged, contact BERNSTEIN customer service.

- U-Shape Shower Enclosure Glass Panels (8mm tempered safety glass with nano-coating)
- Shower Tray
- High-quality chrome-plated brass hinges
- Wall mounting profiles and brackets

- Stainless steel door handle
- Adjustable stainless steel support bar
- Stainless steel towel rail
- Assembly materials (screws, seals, etc.)

4. SPECIFICATIONS

Feature	Detail
Model	EX412
Dimensions (L x W x H)	120 x 90 x 195 cm (195D x 195H cm for product dimensions)
Glass Thickness	8 mm tempered safety glass (ESG according to DIN-EN12150)
Glass Coating	Nano-coating for easy cleaning
Door Style	Frameless pivot doors
Material	Acrylic (shower tray), Tempered Glass, Stainless Steel, Brass (hinges)
Finish	Glossy (chrome-plated fittings)
Installation Type	Wall mounting
Included Components	Shower enclosure, shower tray, towel rail, mounting hardware

5. SETUP AND INSTALLATION

The BERNSTEIN EX412 shower enclosure is designed for straightforward assembly with the included mounting materials. Follow these general steps, referring to the detailed technical drawing for precise measurements and component placement.

5.1 Pre-Installation Checks

- Ensure the bathroom floor and walls are prepared, waterproofed, and level.
- Confirm that the wall where the enclosure will be mounted is structurally sound.
- Unpack all components and check against the package contents list.

5.2 Installation Steps (General Overview)

- 1. Position the Shower Tray:** Place the included shower tray in the desired location, ensuring it is level and properly connected to the drainage system.
- 2. Mount Wall Profiles:** Secure the wall mounting profiles to the prepared walls using the provided screws and wall plugs. Ensure they are plumb and at the correct height.
- 3. Install Fixed Glass Panels:** Carefully place the fixed glass panels into the wall profiles and secure them. Use the adjustable stainless steel support bar to provide additional stability to the fixed panels.
- 4. Attach Hinges:** Mount the high-quality chrome-plated brass hinges to the fixed glass panels and the wall, as indicated in the technical drawing.
- 5. Install Door Panels:** Attach the frameless pivot door panels to the hinges. Adjust as necessary to ensure smooth operation and a tight seal when closed.
- 6. Install Door Handle and Towel Rail:** Secure the stainless steel door handle and the stainless steel

towel rail to the designated glass panels.

7. **Seal and Finish:** Apply silicone sealant to all external joints between the glass, wall profiles, and shower tray to ensure watertightness. Allow adequate drying time before use.

5.3 Visual Aids for Installation

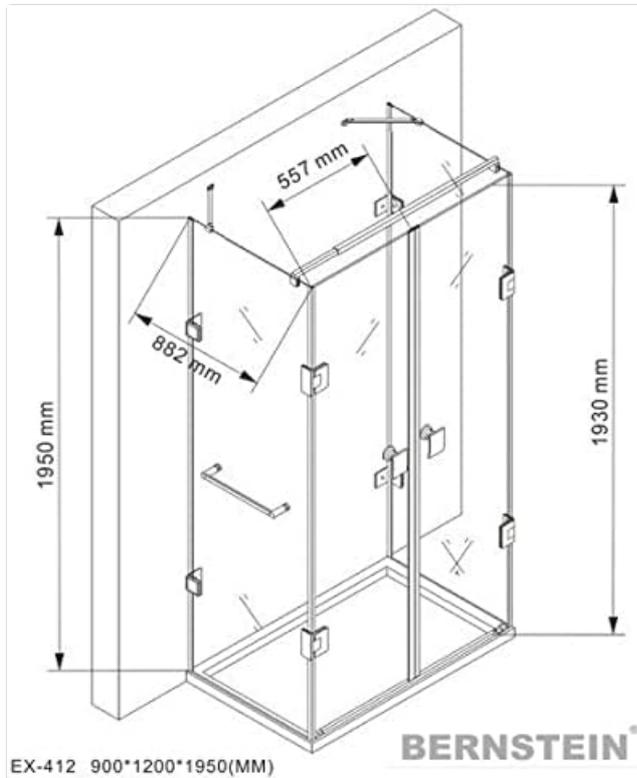


Figure 1: Technical drawing showing the dimensions and overall structure of the EX412 shower enclosure. Dimensions are in millimeters.



Figure 2: An overview of the shower enclosure during the installation phase, highlighting the various components and their placement.



8mm ESG-veiligheidsglas
met nano-coating

Figure 3: Detail of the 8mm ESG safety glass edge, showcasing the quality and nano-coating.



Hoogwaardige messing scharnieren
en wandbevestiging, verchromd

Figure 4: Detailed view of the chrome-plated brass hinges and their wall attachment, ensuring secure door operation.



Figure 5: Close-up of the stainless steel door handle and the adjustable support bar, which adds stability to the glass panels.



Figure 6: Detail of the integrated stainless steel towel rail, providing convenience within the shower area.

6. MAINTENANCE AND CLEANING

Regular cleaning and maintenance will ensure the longevity and appearance of your BERNSTEIN EX412 shower enclosure.

6.1 Glass Cleaning

- The 8mm nano-coated safety glass is designed to repel water and reduce limescale buildup.
- After each use, wipe down the glass panels with a soft cloth or squeegee to remove water droplets.
- For deeper cleaning, use a mild, non-abrasive glass cleaner and a soft cloth. Avoid harsh chemicals, abrasive sponges, or scouring powders, as these can damage the nano-coating and glass surface.
- Rinse thoroughly with clean water after cleaning.

6.2 Frame and Hardware Cleaning

- Clean chrome-plated brass hinges, stainless steel handles, and support bars with a soft, damp cloth and mild soap.
- Do not use abrasive cleaners, acidic solutions, or steel wool, as these can scratch or corrode the metal finishes.
- Dry all metal parts thoroughly after cleaning to prevent water spots.

6.3 Seal Maintenance

- Regularly inspect the silicone seals for any signs of wear, cracking, or mold.
- Clean seals with a mild anti-mold cleaner if necessary.
- If seals are damaged, they should be replaced promptly to prevent leaks.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your shower enclosure.

Problem	Possible Cause	Solution
Water leakage	Improper sealing, damaged seals, incorrect door alignment	Check silicone seals and reapply if necessary. Inspect door seals for damage and replace if needed. Adjust door alignment.
Door does not close properly	Hinge misalignment, obstruction, worn hinges	Adjust hinges. Check for any obstructions. If hinges are worn, contact support for replacements.
Glass appears cloudy or stained	Limescale buildup, soap scum, improper cleaning agents	Use appropriate glass cleaner for nano-coated surfaces. Clean regularly. Avoid abrasive cleaners.

8. WARRANTY AND SUPPORT

BERNSTEIN products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation provided at the time of purchase or visit the official BERNSTEIN website. If you require technical assistance, replacement parts, or have any questions not covered in this manual, please contact BERNSTEIN customer support.

Manufacturer: BERNSTEIN

Contact Information: Please refer to your purchase documentation or the BERNSTEIN official website for the most current contact details.