

SensoWash[®] Starck f

Mounting instructions

Shower toilet unit

612000 01 1 00 1321
612000 01 2 00 0320
612001 01 1 00 1311
612001 01 2 00 0310



About the mounting instructions

These mounting instructions come as part of the Duravit product and should be read carefully prior to installation.

Target readership and qualifications

The product and associated water connection should only be installed by qualified plumbers. The electrical installation should only be carried out by qualified electricians.

Explanation of the signal words and symbols



Indicates a hazardous situation which, if not avoided, will result in death or serious injury.



Indicates a hazardous situation which, if not avoided, could result in death or serious injury.



Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.



Is used to address practices not related to physical injury.



Link to the **Electrical Installation** section



Link to the **installation information** in this section



Link to other **instructions**



Link to the **Water Installation** section



Inspection (e.g. for scratches)



Do not kink hose



Check for leaks and leak-tightness

Safety instructions

Risk of fatal electric shock!

- > The product has to be correctly earthed. Do NOT operate the product without proper grounding.
- > Do NOT remove individual components.
- > Connect the product only to the specified power supply.
- > NEVER touch the power supply cable with wet hands.
- > When working on electric components, disconnect the power supply.
- > If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- > Check rated power and choose cable cross section accordingly.

Product and/or property damage

- > Do NOT install the product in a room exposed to excessive moisture. Ensure sufficient ventilation to avoid condensation in electric components.
- > Only use the parts in the installation kit to avoid malfunctions.
- > Do NOT use attachments not recommended by Duravit.

Freezing water

If the room temperature is too low, this can cause damage to the product.

- > Do NOT install the product in rooms where there is a danger of frost. The room temperature must not be less than 4 °C (39 °F).

Condensation

Condensation may occur when moving from a cold location to a warm location and can cause damage to the product.

- > Leave the unit switched off for a few hours if it has been moved from a cold location to a warm location.

Standards and regulations

The breach of local and country-specific regulations and standards can cause damage to the product and/or property damage.

- > Local installation regulations, country-specific standards and the Low Voltage Directives shall be observed at all times.

Mounting instructions

Please read the pre-installation information sheets prior to the installation. These are available to download on the Internet at www.pro.duravit.com.

An installation video of the Starck f wall-mounted WC is available at www.duravit.com/mnt_sewa_starck_f.



Simply use this QR code

The installation of the Starck f One-piece water toilet differs from the installation shown in the video (see installation instructions One-piece water toilet).

2 Connecting the hose

- > Use the hose stored from the installation of the wall-mounted toilet.

4 + **21** Choosing and installing mounting clip

The delivery contains two mounting clips.

- > Choose clip according to cable diameter.

9 - **10** Installing interface with actuator plate (optional)

- > Install Interface Set for functional interface with DuraSystem® actuator plate A2.

43 + **57** Testing

- > Connect the power and water supply.
- > Confirm that the product functions properly according to the operating instructions.

51 Install anti-theft protection

- > To fix the remote control permanently to the wall holder go to step 53.



en



Rated voltage	220 – 240 V 50 – 60 Hz
# 612... .. 2	
# 612... .. 1	100 – 120 V 50 – 60 Hz (Taiwan models)
Max. rated power	1080 W
Circuit breaker	$I_N = 16$ A
RCD	$I_N = 30$ mA
Protection degree	IP X4
Protection class	1

Pre-installation

- > Install electrical connection according to the technical drawing of the toilet.



DANGER

Risk of fatal electric shock

- > Disconnect electrical components from the power supply before the installation.
- > Check that all components are de-energised.
- > Prevent the power supply line from being switched on accidentally by third parties.
- > Ensure that there is no damage to the power supply cable.

- > Lay a permanent power supply line which must be on a separate circuit:
 - > Observe the position of the electrical connection
 - > Leave at least 800 mm (31½ ") of feed cable exposed
- > Install circuit breaker
 - > If the product itself does not have electrical leakage protection function, it must be installed in circuit where there is leakage protection device installed.
 - > Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules and having a contact separation in all poles that provide full disconnection under overvoltage category III conditions.

6 + 23 Connecting the cable

- > Remove the insulation from the wires approximately 10 mm (¾ ").
- > Connect the 3 wires to the terminal block. Observe the L, N and PE conductors.
- > Confirm that the grounding wire is 10 mm (¾ ") longer than the L and N wire.



Cold water	DN15 (½ ")
Water pressure	0.07 – 0.75 MPa (10 – 109 psi)
Water hardness	max. 2.4 mmol/l (240 ppm)

Pre-installation

- > Install water connection and water outlet according to the technical drawing of the toilet.



WARNING

Health risk and potential product damage!

- > Supply the product with tap water from the main water system only.
- > Do not connect any waste water, grey water, industrial water, sea water or other untreated or semi-treated water.

NOTICE

Product damage due to limescale build-up

In regions with hard water, limescale build-up can impair the performance of the product.

- > Check the water quality in your region. Duravit recommends the installation of a water softener with water hardness $\geq 14^\circ$ dH (2.5 mmol/l).
- > Make sure to descale the product regularly. The app will send an automatic reminder. Adjust the descaling settings according to the water hardness in your region (→ App: Menu – Care – Descaling).
- > Only use descaling agents provided or approved by Duravit.

Water hardness		Descaling cycle
soft	<8.4° dH (1.5 mmol/l)	every six months
moderate	8.4 – 14° dH (1.5 – 2.5 mmol/l)	every six months
hard	>14° dH (2.5 mmol/l)	quarterly











