



# Ropox Swing Wash Basin

40-41120 / Fixed height with high wall unit

User Manual & Mounting Instructions

**Keep this folder with product at all times!**

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## 1. Introduction

Ropox Swing Wash Basin is a washbasin which can be swung to the user, which makes it possible for the user to wash hands before leaving the toilet. This increases the hygiene, makes the user more self-reliant and gives the assistant better working conditions.



This document must ALWAYS accompany the product and be read by and available to users.

All users must follow these instructions. It is very important that the instructions have been read and understood prior to operation of the product.

These instructions must always be available to the user and must accompany the product in case of relocation.

Correct use, operation and inspection are decisive factors for efficient and safe performance.



The operation must be made or supervised by an experienced adult, who has read and understood the importance of section 8 "Safety in use"

## 2. Conformity with EU Directives

This product has CE marking and is thus in accordance with the basic requirements concerning functionality and safety according to the current Machinery Directive.

Ropox Swing Wash Basin is manufactured in accordance with the current requirements of Directive No. 93/42/EEC concerning Medical Devices and belongs to the lowest risk class 1

## 3. Application

Ropox Swing Wash Basin is designed to obtain optimum working conditions for the user. The unit is not to be used as a support arm or as a chair.

This version of the Ropox Swing Wash Basin is mounted in a fixed height. The high wall unit covers all the water- and drain pipes for improved hygiene and visual appeal.

The product must be used indoor, under room temperatures as stated in section 4.

## 4. Technical data

|                                   |  |
|-----------------------------------|--|
| <b>Product:</b>                   | <b>Ropox Swing Wash Basin</b>  |
| <b>Item numbers:</b>              | <b>40-41120</b><br>Ropox Swing Wash Basin incl. mixer tap<br>Fixed height with high wall unit  |
| <b>Material:</b>                  | Wash Basin: Molded marble and polymer with sanitary gelcoat surface<br><br>Sand cast aluminum<br>Stainless steel tube<br>Various plastic components  |
| <b>Surface treatment:</b>         | Powder coating   |
| <b>Ambient temperature range:</b> | -5 °C to +40 °C Transport and storage<br>+5 °C to +40 °C Operation   |
| <b>Relative humidity:</b>         | 20% to 80% - non condensing  |
| <b>Max load:</b>                  | Max user weight has been set to 245kg/539lbs in accordance with DS/ISO 17966 when the wash basin is locked in dock-in (sold separately)<br>A 245kg/539lbs person is able to lean on the basin while standing, without causing any significant deformation or safety risk.<br><br>Wash basin free standing<br>A 80kg/176lbs person is able to lean on the basin while standing, without causing any significant deformation or safety risk. Tested with an evenly spread load on the basin. |
| <b>Complaints:</b>                | See page 17  |
| <b>Producer:</b>                  | Ropox A/S<br>DK-4700 Naestved, Tel.: +45 55 75 05 00<br>E-mail: info@ropox.dk - www.ropox.com  |

### Intended use

The Swing Washbasin is a washbasin which can be swung to the user, which makes it possible for the user to wash hands before leaving the toilet. This increases the hygiene, makes the user more self-reliant and gives the assistant better working conditions. The Swing washbasin is available with manual height adjustment. Depending on the model, the height adjustment range is 15 cm for models without dock-in and 20 cm for models with dock-in. This means that the user and carer can set the level of the sink to the height that fits the user's needs. The height adjustment also makes the sink suited for both standing and seated use. It can be lowered for seated users, e.g., wheelchair users or elderly users who prefer to sit while washing hands or brushing teeth, and it can be raised for standing users or carers.

## 5. Loads and lock



Ropox Swing Wash Basin has a turning function, which means that it is **NOT** allowed to be used as a walking or standing support.



If the wash basin is locked in the Dock-in it functions as a standard wash basin and is safe to use as a standing support.

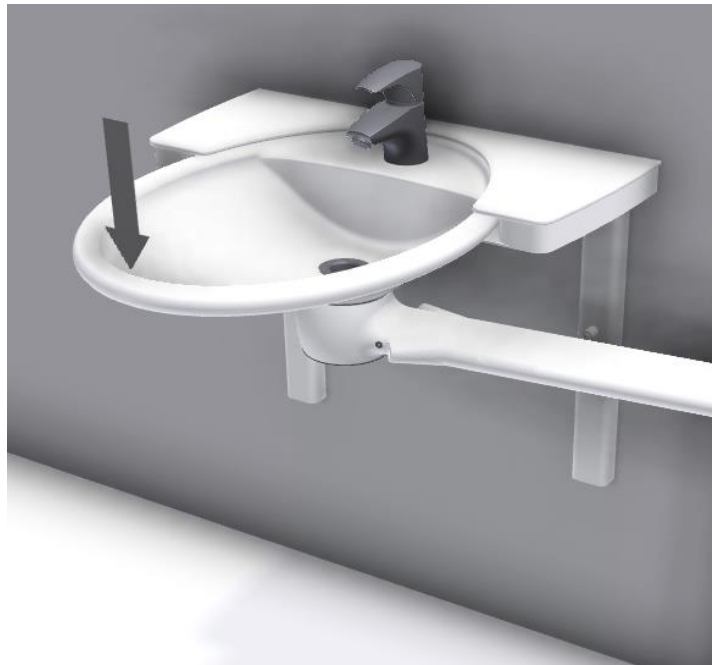
### 5.1 Maximum loads

#### **Locked in dock-in (sold separately)**

A 245kg/539lbs person is able to lean on the basin while standing, without causing any significant deformation or safety risk.

#### **Wash basin free standing**

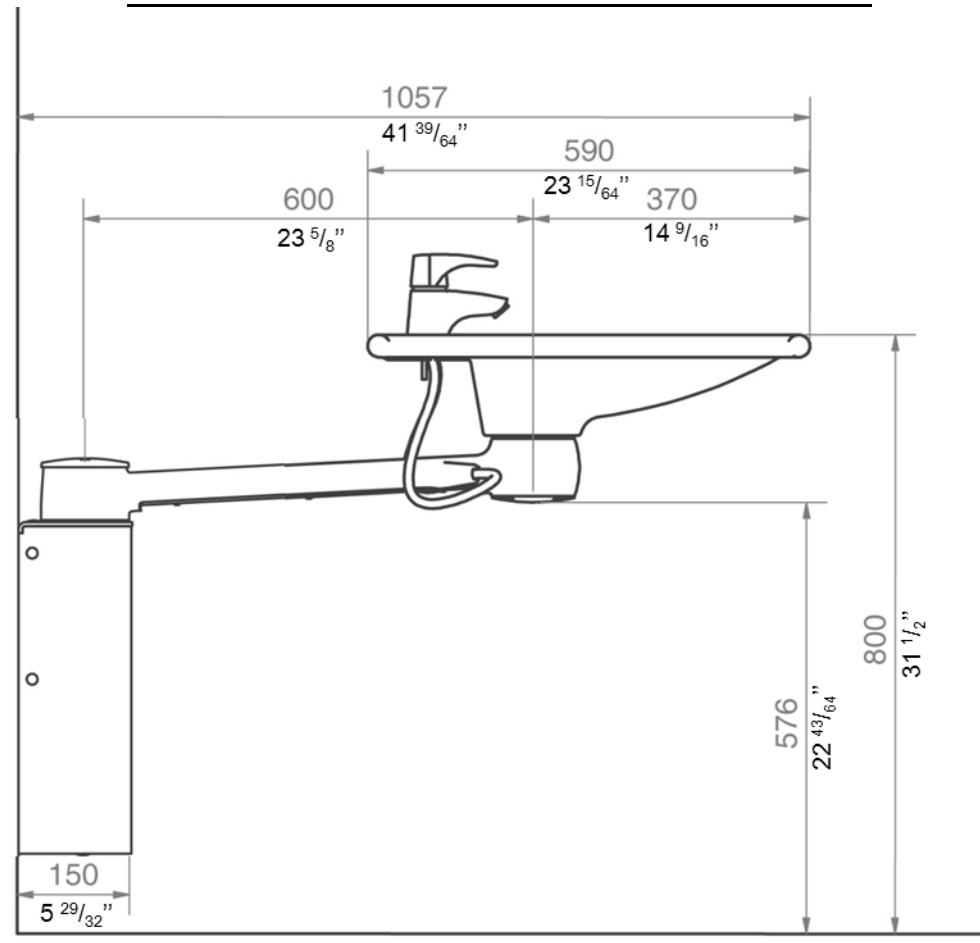
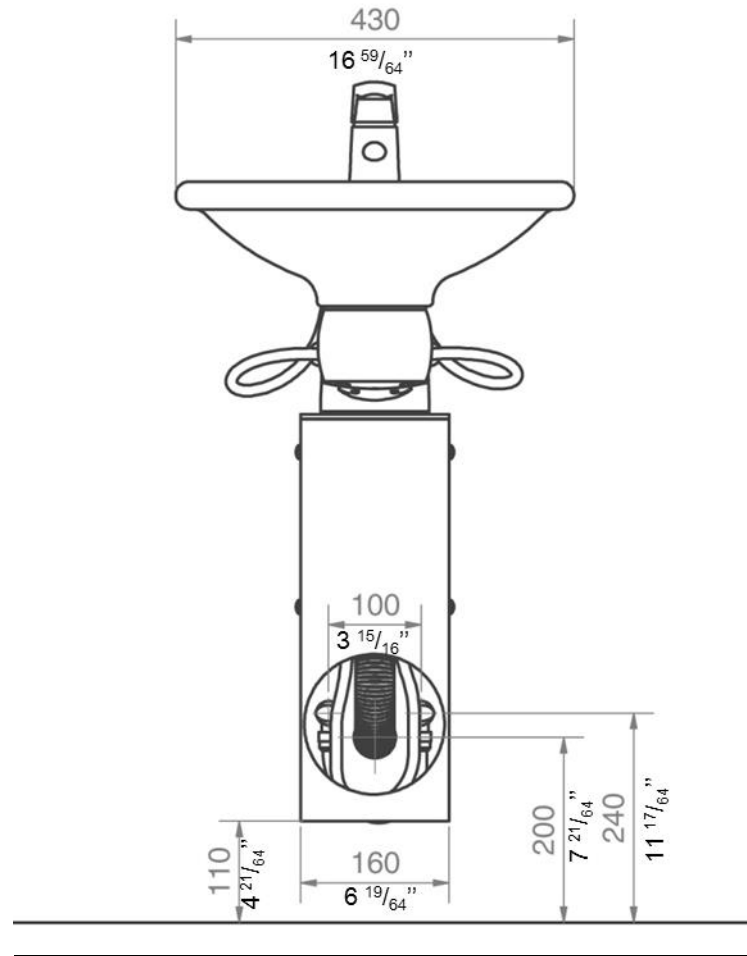
A 80kg/176lbs person is able to lean on the basin while standing without causing any significant deformation or safety risk.



Do not sit or fully displace your body weight on the sink or on the swing arm.

## 6. Design guide


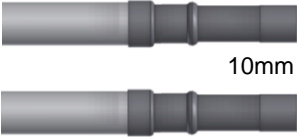






### 6.1 Product measurements / position of water hose and drain pipe







## 6.2 Connection adapters

The highlighted components can be bought separately depending on the type of building installation requirements.








### Water supply

| Swing Wash Basin  | Hose from basin   | Adapters   | Installation in room (not included)  |
|---|---|--|--|
|  | <br>10mm | <br><b>10mm -&gt; 1/2"</b><br>Item no. 97001667 | <br><b>1/2"</b><br>Thread |
|   |   | <br><b>10mm -&gt; 3/8"</b><br>Item no. 97001668 | <br><b>3/8"</b><br>Thread |
|   |   | <br><b>10mm -&gt; 15mm</b><br>Item no. 97001665 | <br><b>15mm</b><br>Pipe   |


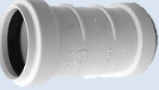


### Water hose extensions

| Hose from basin  | Coupling piece  | Extra hose  |
|--|---|---|
| <br>10mm | <br><b>10mm -&gt; 1/2"</b><br>Item no. 97001101 | <br><b>1/2" x 1/2", 0,5m, steel</b><br>Item no. 97001123   |
|  |   | <br><b>1/2" x 1/2", 1m, plastic</b><br>Item no. 97001120 |

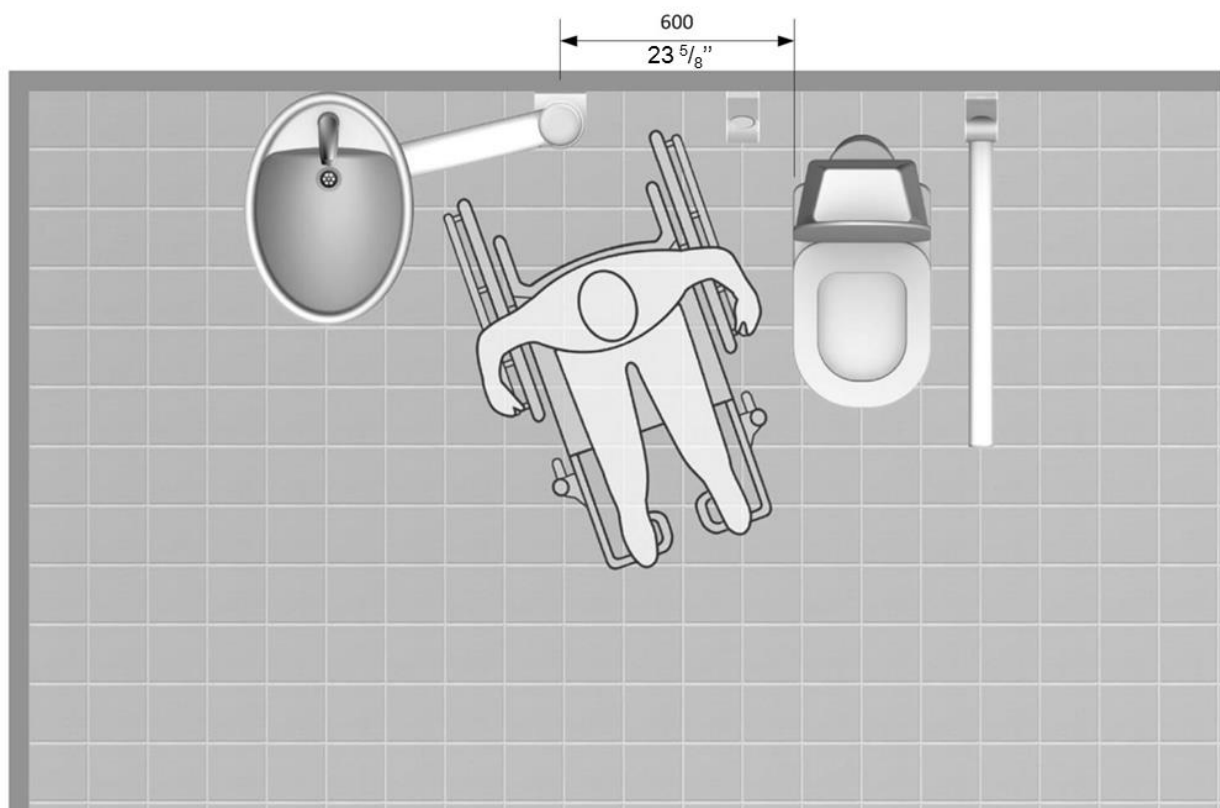
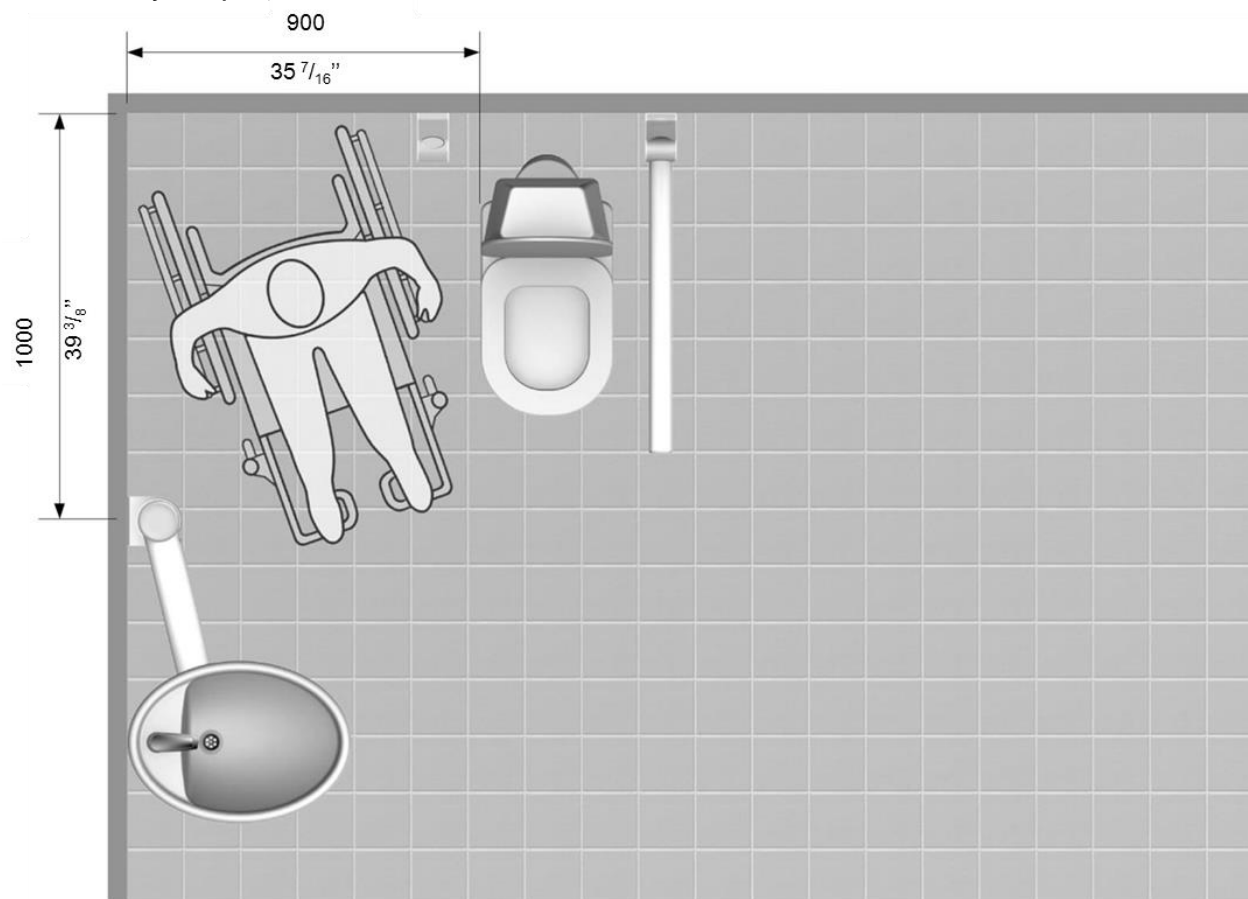
### Drain

| Swing Wash Basin  | Drain pipe from basin  | Adapters   | Installation in room (not included)  |
|---|--|--|--|
|  | <br>Ø32 | No adapter necessary   | <br>Ø32 |
|   |  | <br><b>Ø32 -&gt; Ø40</b><br>Item no. 97001660 | <br>Ø40 |
|   |  | <br><b>Ø32 -&gt; Ø50</b><br>Item no. 97001661 | <br>Ø50 |

### Drain pipe extensions

| Drain pipe from basin  | Coupling piece   | Extra drain pipe   |
|--|--|--|
| <br>Ø32 | <br><b>Ø32-Ø32</b><br>Item no. 97001062 | <br><b>Ø32 Flex hose, 27-62cm</b><br>Item no. 97001162  |
|  |  | <br><b>Ø32 Flex hose, 40-110cm</b><br>Item no. 97001161 |

### 6.3 Layout proposals

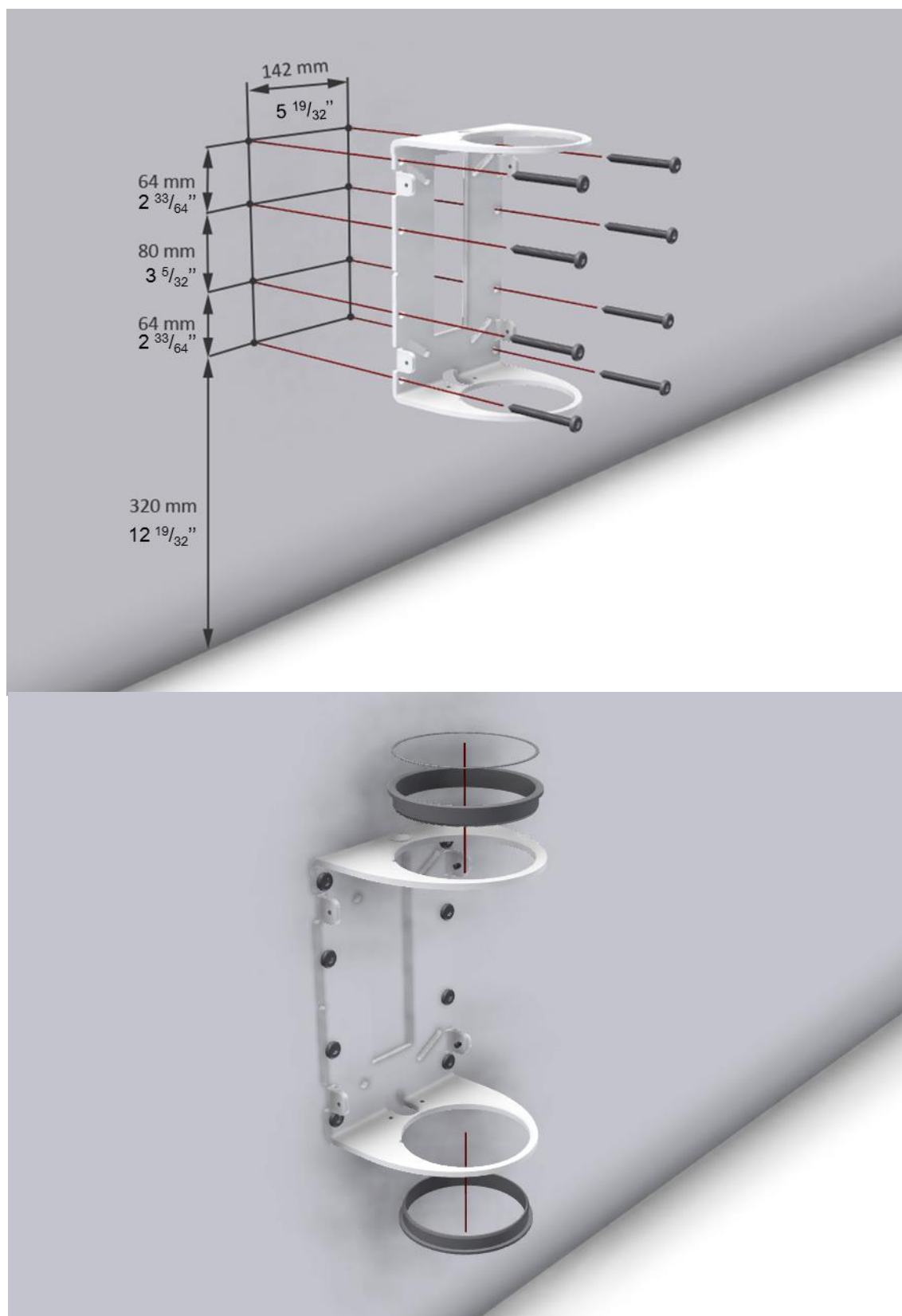


## 7. Mounting

The screws and rawlplugs included are for mounting on a concrete wall. The installer must always examine the material, condition and strength of the wall and use appropriate screws and rawlplugs.

Maximum load in the top screws are 190lbs.

The measurements on the wall, shown below, position the wash basin in the recommended height of 31 1/2" from the floor.



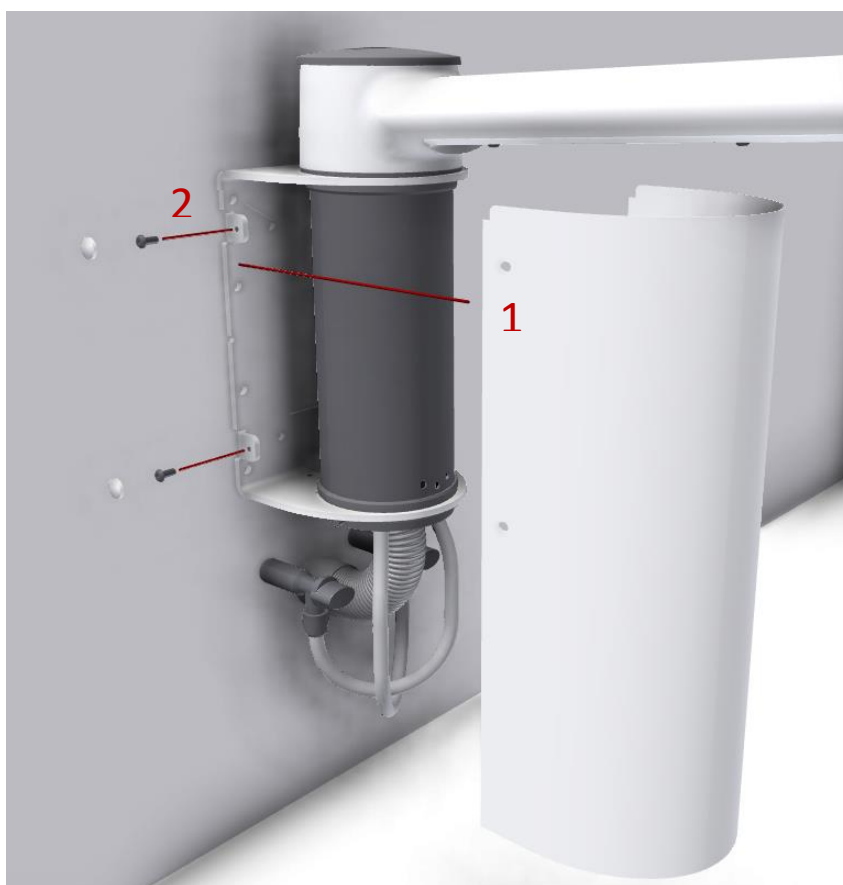


Ø10 - 3/8"



Ø10 - 3/8"





#### **NOTE**

If the wash basin is delivered with a hands free mixer tab, this might need to be calibrated to accommodate the specific light settings in the room as well as any individual user needs. The calibration has to be done according to the user manual of the mixer tab which is supplied with the wash basin.

# Ropox Swing Washbasin

## Fixed height with high wall unit (40-41120)

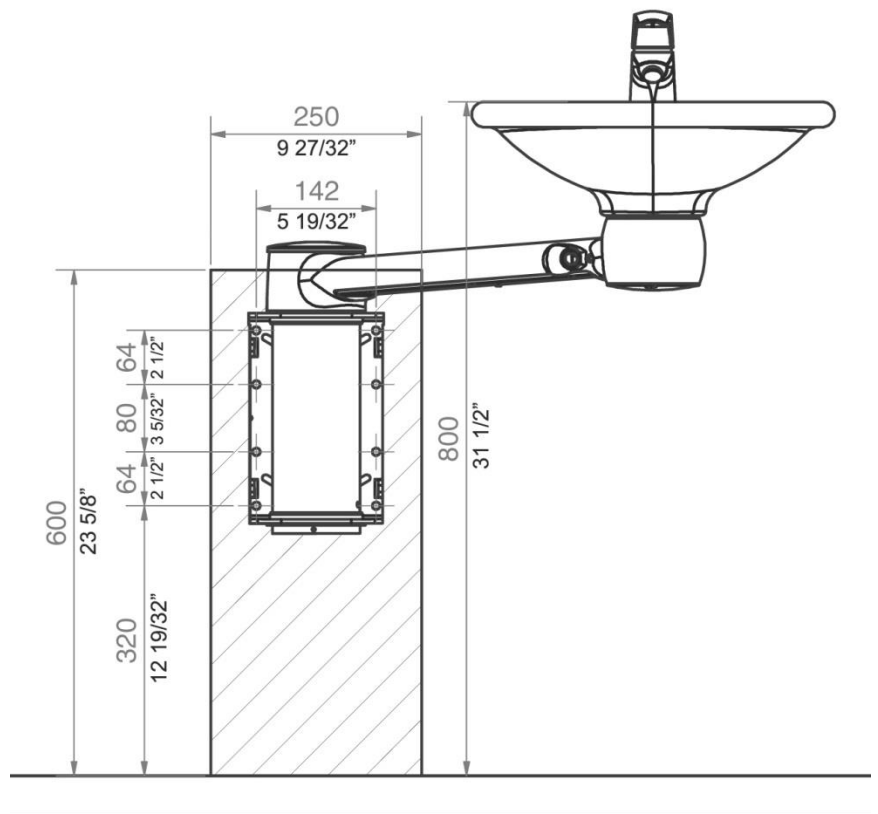
### CONSTRUCTION

The wall must be made of a material suited for screw mounting and approved for damp rooms. The hatched area is the minimum area for reinforcement of the wall. Reinforcement from floor to ceiling is advisable.

Load-tested according to DS/ISO 17966 the maximum user weight has been fixed at 80kg (176 lbs).

**Max. tensile load of upper screws**  
88kg/screw (194lbs/screw)

The washbasin is supplied with a set of 8 screws and rawlplugs suitable for mounting on a concrete wall. The fitter should always consider the material, condition and strength of the wall and use screws and rawlplugs suitable for the specific wall type.



### PLUMBING

The drain hose is a flexible Ø32 (1 1/4") hose.

The water supply ends in 2 (two) 90° shut-off valves with 1/2" or 3/8" outside thread pointing downward (not included).

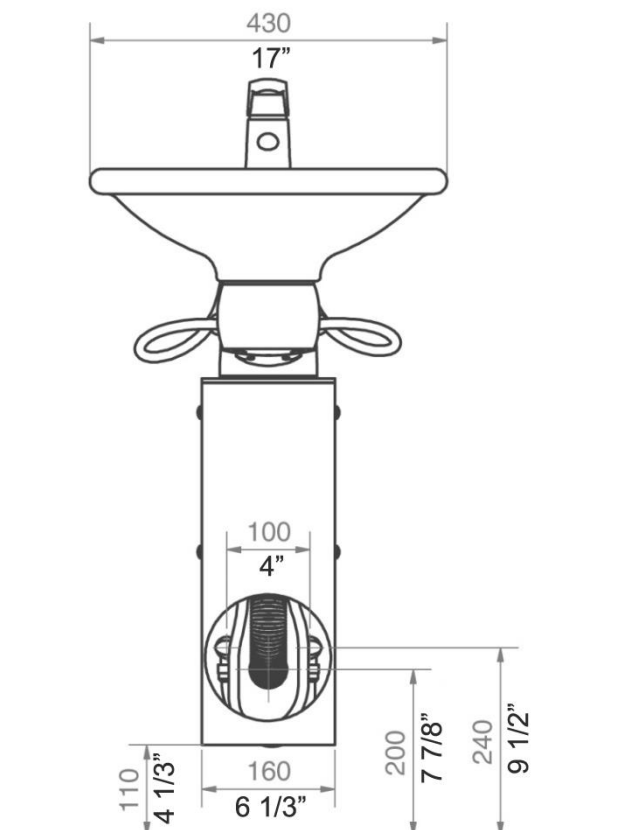
The flexible water connection hoses from the washbasin end in Ø10 pipes. Adapter fittings from these pipes to the shut-off valves are available with Ropox and as standard plumbing components.

If a location of the drain higher than the recommended positioning is required, there may be a risk of reduced draining from the washbasin.

For purchase of adapters for connection to various standard installations, see "Connection Adapters – Swing Washbasin".

### NOTE:

All dimensions are based on a washbasin height of 800mm (23 5/8") above floor level. If a change of this height is required, the recommended dimensions must be changed accordingly.



## 8. Safety in use

- The Ropox Swing Wash Basin should only be used by people, who have read and understood these instructions.
- Always use the washbasin so there is no risk of damage to people or property. The person, who operates the Ropox Swing Wash Basin, is responsible for avoiding damage or injury.
- Children or persons with reduced observation capability should only use the washbasin when supervised.
- If the washbasin is used in publicly accessible locations where children or people with reduced observation ability may get close to the Ropox Swing Wash Basin, the person operating the washbasin must pay sufficient attention in order to prevent dangerous situations.
- Do not operate the washbasin in case of defects or damage.
- Do not overload the washbasin.
- Modifications, which may influence the operation or construction of the wash basin, are not allowed.
- Installation, service and repairs must be carried out by competent personnel.
- If the washbasin has not been assembled according to these mounting instructions the right to complain may become void.
- Only use Ropox original spare parts as replacement parts. If other spare parts are used, the right to complain may become void.
- Be aware not to swing the wash basin into the wall at great force it might damage the wash basin or wall.
- Keep notice that there is no overflow build into the wash basin. Only use Ropox' overflow plug to fill the wash basin. Overflow of water can cause slippery floor and should be avoided to minimize the risk of slipping or falling
- To avoid risk of pinching be aware not to place your hand between the wash basin and dock-in when locked in position.
- Be aware to check that the wash basin is properly locked in place in the dock-in before applying any loads
- The wash basin may only be applied to personal hygiene purposes.
- Do not lean on the accessories attached to the wash basin.
- To avoid entrapment do not place you head or body parts between the water connection hose and the swinging arm.
- Be aware that the wash basin might be slippery if covered in water and soap.

## 9. Cleaning/Maintenance

### 9.1 Cleaning of the wash basin

It is important that the wash basin is cleaned according to these guidelines.

The wash basin must

Clean the washbasin with a wrung cloth with lukewarm water and a mild detergent. Do not use abrasives or grinding cloths, brushes or sponges.

Ropox Swing wash basin is made of a composite material of marble and plastic granulate with a gel coat surface. This gives a hard and very hardwearing finish, which is easy to clean. Wash the surfaces daily with water and dry with a cloth. Do not use detergents containing hard abrasives – e.g. steel wool, scouring powder or sulphuric acid.

If the water has high calcium content, calcareous deposits will often occur. These deposits should be removed at least once a week by using a detergent containing citric acid, acetic acid or phosphoric acid. Leave the detergent to work for 5 to 10 minutes depending on the thickness of the deposits and clean thoroughly with a soft scouring sponge.

Disinfection of the basin may be done with household spirits.

### 9.2 Maintenance



Inspections, service and repairs must be carried out by competent personnel.

The wash basin is maintenance-free and the moving parts have been lubricated for life. For reasons of safety and reliability we recommend inspection of the washbasin once a year:

- Check that all bolts have been securely tightened.
- Check that the washbasin rotates freely and that the arm swings properly

After each inspection, fill in the service schedule.

Only use Ropox original spare parts for replacement of parts. If other spare parts are used, the right to complain may become void.

### 9.3 Service schedule, operation and maintenance

|   |
|---|
| <b>Service and maintenance</b> <b>Serial No</b> |
| <b>Date:</b> _____                              |
| <b>Signature:</b> _____                         |
| <b>Remarks:</b> _____                           |
| _____   |
| _____   |

|   |
|---|
| <b>Service and maintenance</b> <b>Serial No</b> |
| <b>Date:</b> _____                              |
| <b>Signature:</b> _____                         |
| <b>Remarks:</b> _____                           |
| _____   |
| _____   |

|   |
|---|
| <b>Service and maintenance</b> <b>Serial No</b> |
| <b>Date:</b> _____                              |
| <b>Signature:</b> _____                         |
| <b>Remarks:</b> _____                           |
| _____   |
| _____   |

|   |
|---|
| <b>Service and maintenance</b> <b>Serial No</b> |
| <b>Date:</b> _____                              |
| <b>Signature:</b> _____                         |
| <b>Remarks:</b> _____                           |
| _____   |
| _____   |

|   |
|---|
| <b>Service and maintenance</b> <b>Serial No</b> |
| <b>Date:</b> _____                              |
| <b>Signature:</b> _____                         |
| <b>Remarks:</b> _____                           |
| _____   |
| _____   |

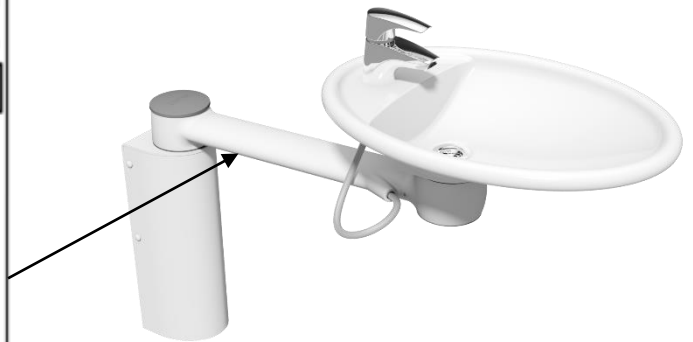
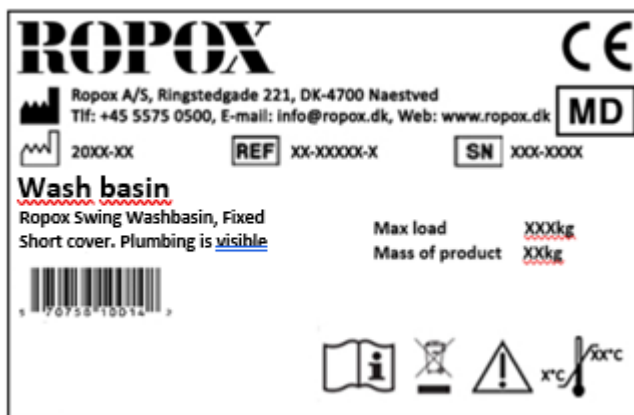
|   |
|---|
| <b>Service and maintenance</b> <b>Serial No</b> |
| <b>Date:</b> _____                              |
| <b>Signature:</b> _____                         |
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|---|
| <b>Service and maintenance</b> <b>Serial No</b> |
| <b>Date:</b> _____                              |
| <b>Signature:</b> _____                         |
| <b>Remarks:</b> _____                           |
| _____   |
| _____   |

|   |
|---|
| <b>Service and maintenance</b> <b>Serial No</b> |
| <b>Date:</b> _____                              |
| <b>Signature:</b> _____                         |
| <b>Remarks:</b> _____                           |
| _____   |
| _____   |

## 10. Labels

Every Swing Washbasin has its own label as shown below. This label contains important information, which must be quoted when contacting the supplier.



|  |   |
|--|---|
|  | <p>This product is CE-marked in accordance with:</p> <p>European Medical Device Directive 93/42/EEC, including amendments incorporated in Directive 2007/47/EEC.</p> <p>European Medical Device Regulation (EU)2017/745</p> <p>Council Directive 2011/65/EU, RoHS</p> |
|  | Manufacturer name and address   |
|  | Date of production  |
|  | Stock number  |
|  | Serial number   |
|  | Consult manual before use   |
|  | Consult manual for important safety related information, warnings and safety precautions.   |
|  | Do not dispose as unsorted municipal waste. Product must be returned to a designated recycling station.   |
|  | Operating temperatures may not exceed 5-45C°  |

## 11. Complaints

See General Terms of Sale and Delivery on [www.ropox.com](http://www.ropox.com)



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