



Maintenance Installation

Falco products are

manufactured from various components and materials. This document provides details of how to maintain and install the Falco range of products as well as the warranty information as included in the Terms and Conditions.

GENERAL

For the sustainability of our products, it is important when cleaning to NOT use harmful or aggressive chemicals.

Generally, we recommend that either mild soapy water or just water is used when cleaning the structural parts.

SAFETY

The maintenance and assembly of these structures may have associated risks depending on the location and type of work. At Falco, the Operations Manager is at all times responsible and accountable for work safety and the production of appropriate risk assessment, method statements and any other legislative compliances.

DELIVERY

All Falco products are checked for quality and packaging prior to shipment. When receiving Falco goods please carefully unwrap and ensure that the products agree with the Delivery Note. When signing to accept goods please print your name in capital letters along with a signature. If anything within the shipment is not correct, please contact the Operations Department, or send an email to sales@falco.co.uk so that we can deal with any issue as soon as possible. If these are not reported to Falco, we cannot be responsible

for any subsequent loss or damage.

STORAGE

If the product is stored temporarily and awaiting installation, please consider the following points:

- The fasteners and fastening kits are often supplied separately, they will either be attached to the product with adhesive tape or they will be provided in a separate container.
- Please store these in a safe and dry place to prevent any damage, loss or theft.
- Store roof and/or dry wall profiles in a covered area independently of each other. Galvanised roof sheets will turn black if stored in damp conditions or when in contact with each other. To prevent this, you can insert wooden strips between the sheets.
- Do not store galvanised materials in damp areas with the flat sides together.
- Protect coated products from damage during storage.
- Remove any stickers from glass panels as soon as possible after installation.
- Remove the packaging steel strips from the galvanised products immediately after delivery as these strips can oxidize and possibly affect the zinc layer. All other products will be secured with adhesive tape.

INSTALLATION AND MOUNTING

When installing Falco products please be aware of the following points:

- Study the product drawing(s) and installation instructions before installing.
- Pay attention to the positioning of any concrete feet ensuring they are at the correct depth in relation to ground level.
- Shelters should be installed square and flat on a water level base. The squareness can be checked by measuring the diagonals.
- Drilling will create galvanised steel shavings/chips (known as Swarf), these will oxidise on the zinc layer, this can affect the life span of the product finish.
- After assembly spray any hardware (including locks) with a preventative, penetrating, protective spray or treat with a graphite powder.



MAINTENANCE

In practice it has been found that if the surface of a Falco product is periodically maintained, the product will not only retain its protectiveness but will also sustain its aesthetic properties for many years.

The warranty for hot dip galvanising has a guarantee of 5 years (see section 9.5). The warranty for powder coating has a guarantee of 5 years but this decreases by 20% each year (see section 9.6), however, this excludes climate zone C5.

CONSTRUCTION

The majority of Falco products are manufactured from galvanised steel. In a number of cases and if required, these can be ordered with an additional powder coated finish. It is important to ensure that the following points are adhered to during construction:

- The structure should be kept free of dirt and debris, especially rusting steel which can affect the zinc coating layer.
- Galvanised and coated materials should be cleaned 1 to 2 times a year, especially in coastal areas where salt/sea spray can be an issue.
- All uprights, beams and load bearers should be free of rust and also, free of any physical, fire or any other type of damage. Damaged parts must be replaced and if corrosion has occurred, please contact the Falco Sales office for advice.
- Small rust spots can be treated with zinc paint (e.g. Galvafroid) and supplemented with paint spray where applicable, in a RAL colour if required.
- If a structure has been stored for a prolonged period, outside, a state of discolouration may occur, these affects could be visible for a longer period of time, a misting out spray will partially mask this.
- The correct foundation bolts should be used, these should be stainless steel and tightened securely.
- We recommend that all powder coated items are cleaned annually with a sponge, water and a mild detergent.

The warranty for manufacturing and material defects lasts for 5 years (see section 9.4)

STAINLESS STEEL

Stainless steel is susceptible to discolouration when in contact with other metals or corrosive materials. This can cause 'surface rust' and mainly occurs due to the following:

- Outdoor environments such as coastal areas, highways, railways, and nearby industrial sites.
- Products that have direct contact with other metals such as bicycles, chains, poles etc.

The cleaning of stainless steel products should be carried out using cold tap water and a sponge (detergent is not needed). Also, prior to the cleaning of any adjacent buildings or structures please ensure that the products are protected and do not come into contact, with any of the cleaning products or residue resulting from the cleaning process. This also applies to any herbicides, pesticides or any other cleaning products that may have been used in the vicinity. The use of road salt can also cause rust on stainless steel surfaces. The preventative maintenance of stainless steel can be undertaken annually by cleaning the surface with Scotch Brite or treated with R 17 Cleaning Stainless maintenance oil.

WOOD

Shelters with a wooden finish are normally FSC-certified and this type of wood can remain untreated, due to its moisture content it is suitable for outdoor usage. These products should not be stored in hot or dry environments in order to prevent deformation and possible cracking. It is important that the timber remains clean and free from algae. However, in order to maximise the life-span you may wish to treat with a hard wood oil especially the end faces of the wood. If you use a high-pressure spray, please ensure that the pressure is on a low setting. For supporting structures, impregnated wood is used in areas where servicing is not required. If you encounter 'wood bleed' it is recommended that the affected areas are cleaned using diluted vinegar and frequently rinsed with clean water.

Wood is a natural product, no warranty can be provided (see section 9.7).



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PLASTIC CLADDINGS

Plastic claddings such as Plexiglas, polycarbonate, PET and TRESPA (transparent or semi-transparent) should be cleaned annually and preferably in the Spring. Use clean soapy water (a capful of mild detergent per bucket) and a soft sponge or brush. Please do not use solvents such as thinners, turpentine or acetone. Removing dirt and residue will increase the product life-span and reduce the risk of fractures and cracks. The warranty on these products provides a 5-year guarantee (see section 9.4).

GAS STRUTS

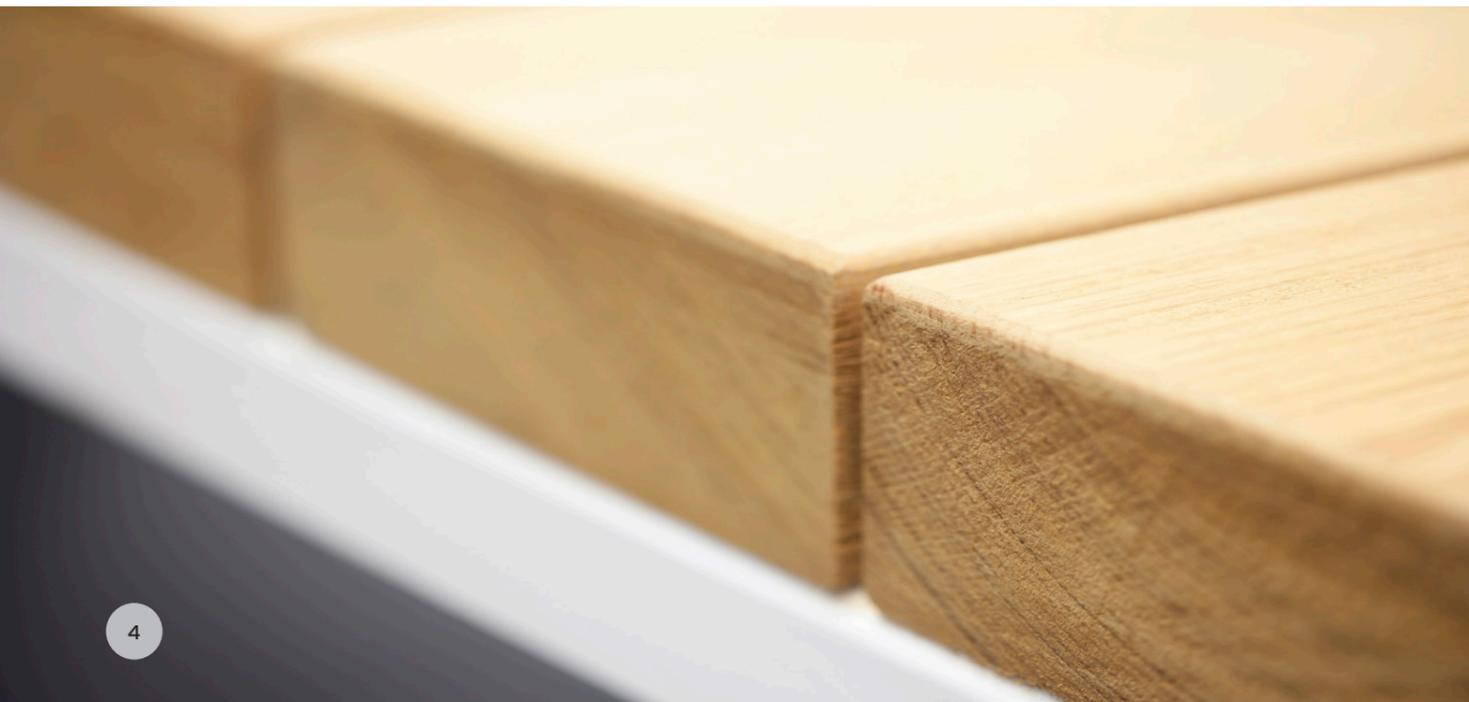
A number of our products, in particular the two-tier cycle racks are equipped with gas struts. These do not require any maintenance but are subject to maximum loads. Do not expose the gas springs to oils or solvents.

GUTTERS AND DRAINPIPES

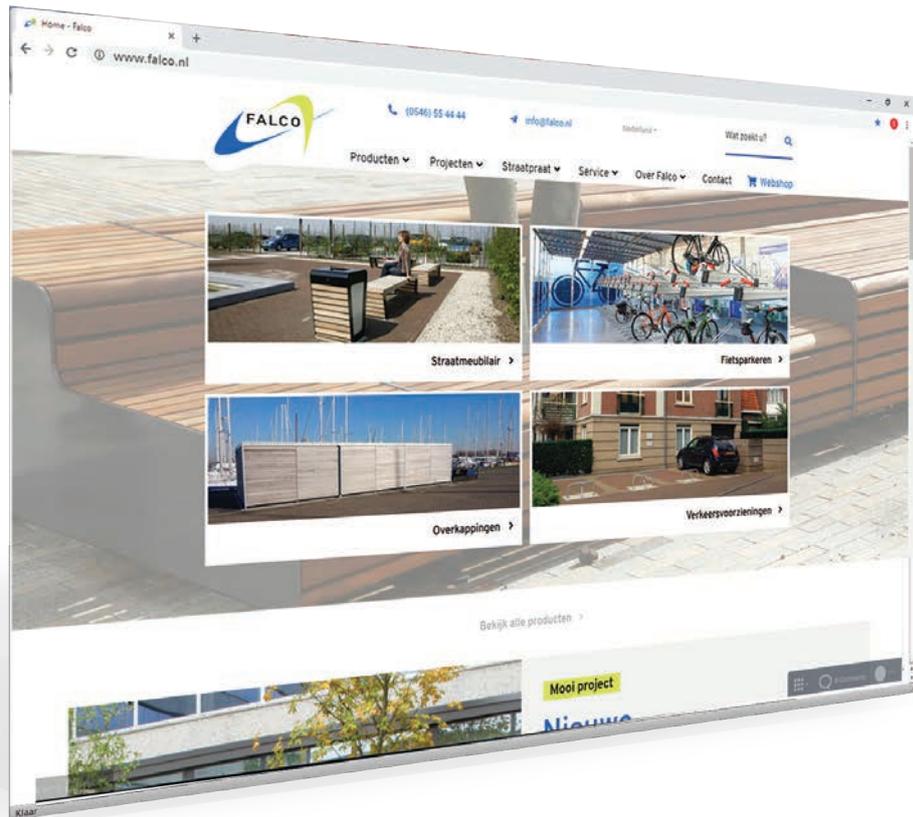
Falco products that include any gutters or drains should be cleaned annually in order to prevent blockages and the possibility of any water ingress. This also applies to the integrated gutters on the FalcoZan and FalcoLok series of products.

BUILDING HARDWARE, INCLUDING LOCKS

It is important to periodically check any locks to ensure that they operate correctly. These should be treated with either a lubricating solution or graphite powder.



If you have any questions or doubts about any of the maintenance instructions, please get in touch with your contact at Falco!



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