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# DESIGNERDOORS

# *Cleaning & Maintenance*

MADE BY US...
DESIGNED BY YOU

# Care and Maintenance Guide

## Thank you for purchasing a Smart Designer Door System

This document provides a guide for the general maintenance and aftercare of your new Smart Designer Door. The frequency of cleaning depends on a number of factors, including the standard of appearance that you require and the need to remove deposits that could cause damage after prolonged contact with the powder coat finish or the metal substrate.

Your location is also important, for example, if your home is situated near to the coast, your door will need extra care due the extra salt in the air. As a general rule, cleaning should be carried out before a build up of contaminants/soiling or marks appear on the door's surface.

The following advice and tips will make sure that you enjoy your Smart Designer Door for years to come. All moving parts are virtually maintenance free, but will benefit from a simple cleaning routine every few months.




**Powder Coating**

We guarantee our powder coating will maintain its brilliance for 25 years.




**Manufacturing**

All of our Designer Doors have a manufacture guarantee of 10 years.




**Glazing**

All of our glazed door designs come with a guarantee of 5 years.




**Hardware**

We provide a 12 month guarantee on all hardware fitted to your new door.

## Our Designer Door Guarantee

We have a reputation for our commitment to high standards of quality and workmanship. We provide a comprehensive range of guarantees covering everything from your door's paint finish and construction to your choice of hardware and glazing

## MANUFACTURED BY SMART

With over 40 years' experience, we are the UK's leading supplier of aluminium window and door systems and take great pride not only in the quality, breadth and depth of our product range, but also in our design expertise and support services.

We operate from a modern manufacturing plant in the South West of England, which houses three extrusion presses and three paint lines, as well as our logistics and distribution hub. Across all our operations, we are fully committed to reducing our impact on the environment and are working hard to become both carbon-neutral and energy self-sufficient.

MADE IN BRITAIN

We are proud to be recognised as a British manufacturing success story – and to be a member of the Made in Britain network.

www.madeinbritain.org

# Key Areas for Cleaning and Maintenance

1. **Door Sash**
   The sash is generally used to describe the opening part of the door, both external and internal.

2. **Glazing**
   As well as solid aluminium designs we also have a range of doors constructed with glass panes which are called glazed doors. All of our doors that feature glazing benefit from triple glazed glass which is PAS 24 approved.

3. **Locking Mechanism**
   Our 10 point locks and slam locks are designed to provide the ultimate in safety and security, protecting you and your home.

4. **Hardware**
   The hardware found on a door refers to all of the accessories fitted to your door's sash such as; handles, letterboxes and escutcheon.

5. **Rubber Seals**
   Fitted around the edge of the door sash, rubber seals are effective in preventing drafts and loss of heat from your home.

6. **Threshold**
   The threshold is a raised panel immediately below a door designed to prevent drafts and to provide protection against the elements and cold air entering the house. Because of its location it is regularly subject to kicks and bumps, it is also prone to accumulating dirt and debris as you enter and leave your home.



# Cleaning

Our Designer Doors are low maintenance and easy to take care of. Wiping your door and frame with fresh water and a light detergent once a month will help to prevent the build up of dirt. To preserve a stunning look all year round follow our simple guide.



## What you will need:

- Fresh water (filtered if possible)
- Light detergent
- Clean sponge or soft cloth
- Non-abrasive glass cleaner
- Lint free polishing cloth
- Small brush (paint brush)

## Do Not Use...

- **Any type of heavy-duty household cleaner**, as this may damage the powder coat finish of the frame and door surface.
- **Solvent-based cleaning fluids** (such as cellulose thinners or nail polish remover) as these will also cause irreversible damage to the door.
- **Abrasive or aggressive materials** (such as wire wool, sand paper, scouring pads or abrasive cloths) or tools (such as paint scrapers or knives) as this will damage the surface finish.

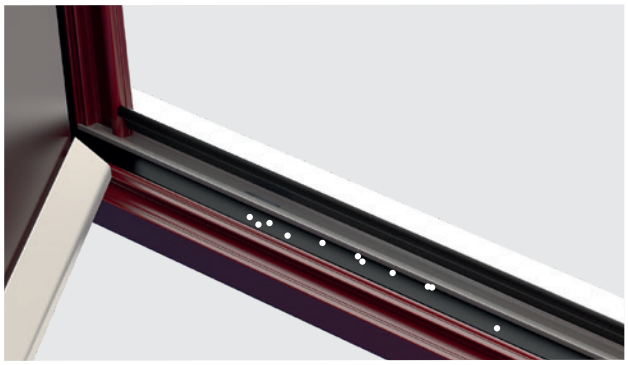
- Heavy-duty household cleaners
- Solvent based products
- Abrasive materials
- Aggressive materials

*Cleaning the*
# Threshold

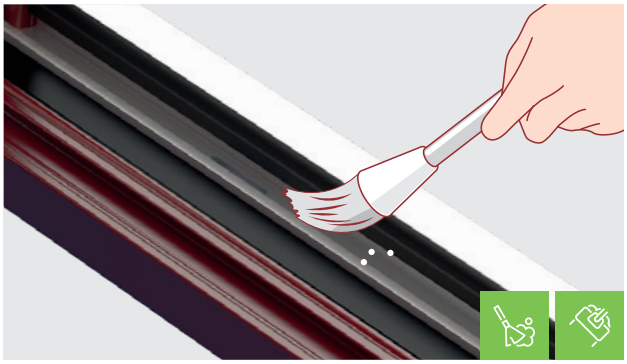
The build up of dirt and debris in a threshold can impede the performance and operation of your new Designer Door. Therefore we recommend cleaning your threshold every 6 months.

**You will need:**

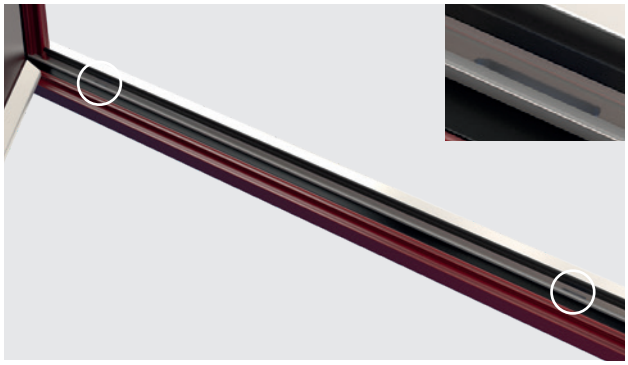
- Small brush
- Vacuum cleaner
- Light detergent
- Soft cloth



**1.** It is important that the door's threshold is clean and free from stones and any debris (leaves, accumulation of dirt etc) as this can impede the smooth operation of your door and can affect drainage.



**2.** Use a small brush (a paint brush is ideal) to loosen any debris from the threshold and then using a vacuum, remove the dirt that has been collected.



**3.** Ensure that the two drainage slots at either end of the threshold are not blocked and are free of debris.

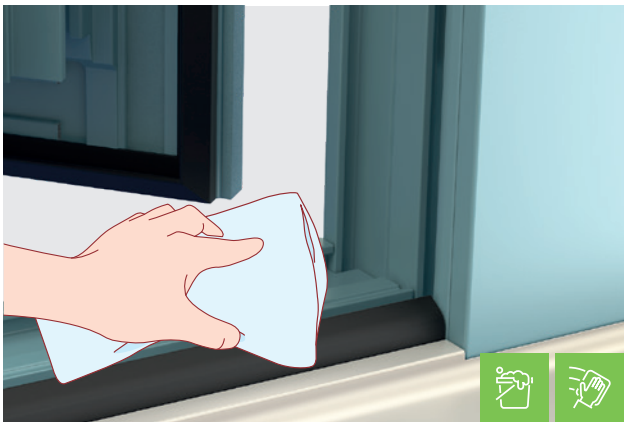


**4.** Use a small brush to loosen any debris from the drainage slots and then vacuum away the dirt.

*Cleaning the*
# Rubber Seals

To clean the rubber seals, gently run across them with a light soapy solution and a non-abrasive cloth.

**Important!** Do not use solvent-based cleaning products on the seals. We recommend you use a silicone-based spray on the seals twice a year (or more regularly if needed).



*Cleaning the*
# Glazing

Glazed doors are a beautiful addition to a home. But as they are exposed to wind, rain, fingerprints and marks, occasionally they need a good clean. Follow our simple guide to keep your glazing clean and smudge free.

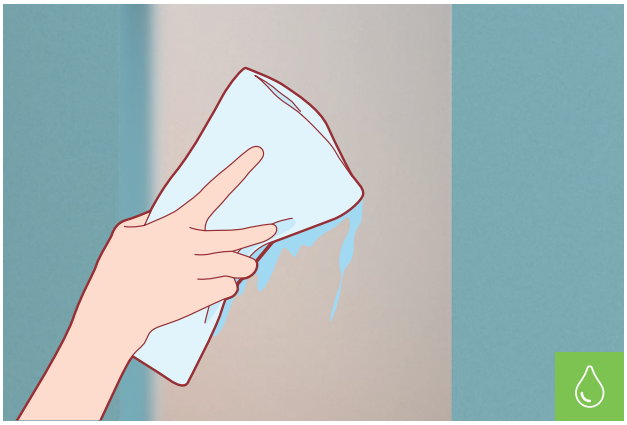
**You will need:**

- Clean sponge
- Glass cleaner
- Fresh water
- Polishing cloth



**1.** Using a non-abrasive, commercial window cleaning solution and a grit fee cloth or sponge gently wipe away any dirt on the glazing.

**Important!** Do not use razor blades or scrapers to clean the glass; this carries a high risk of causing irreparable damage to the glass.



**2.** Rinse the glass immediately with clean water to remove the cleaning solution.

**Important!** Do not use acid-based cleaning products or any other aids.



**3.** After you have finished cleaning the glass, wipe away any cleaning solution from the glazing's gaskets, seals and frame with clean water.



**4.** Using a soft, lint free cloth, dry the glass to avoid streaks. Then using a clean cloth polish and buff the surface to a shine.

**SMART ADVICE**

- **If your house is located in a marine or coastal environment,** the external surface of the doors and frames should be washed down with fresh clean water on a weekly basis to remove any salt deposits that can build up.
- **It is preferable to clean the metal when shaded.** Do not attempt to clean surfaces when heated by the sun, as it is possible that chemical reactions will be highly accelerated and cause damage to the surface. Also avoid cleaning in freezing temperatures.
- **Do not use any hard or abrasive materials to clean your door.**

*Cleaning the*
# Hardware

The hardware on your Designer door is something you and your visitors touch everyday. Keeping them clean and tarnish free is an essential part of looking after your door.

**You will need:**

- Soft cloth
- Light detergent
- Fresh water
- Polishing cloth



**1.** Using a non-abrasive cloth and warm light detergent, ensure that all foreign contaminants are removed. Rinse with clean water.

**Important!** Do not use acid-based cleaning products or any other aids.



**2.** Dry the hardware immediately to avoid streaks. Polish and buff the hardware with a soft, lint free cloth to shine.

**Important!** Do not use an abrasive cloth to wipe away excess oil. This will damage the surface finish.

## STAINLESS STEEL HARDWARE

To maintain the appearance of any stainless steel hardware we recommend you use only the Stainless Steel Care Kit included with your door. Before you begin, carefully mask the powder coated finish of your door's sash using either masking tape or decorators tape. For information on how to obtain your stainless steel cleaning kit visit: **www.smartdesignerdoors.co.uk/cleaning-kits**






**1.** Use a small amount of Smart Stainless Steel Cleaning Fluid on a micro-fibre cloth to clean the hardware. Ensure the product is spread evenly and remove any excess with a clean cloth (highly concentrated do not over apply).






**2.** Use a small amount of Smart Care Oil on a micro-fibre cloth and wipe the oil in the direction of the stainless steel grain. Remove any excess with a clean cloth. To finish, softly buff the oil to a sparkling finish with a clean micro-fibre cloth.

# 10 Point Lock

Key areas of the locking mechanism







1. **Centre Latch**
   A spring loaded latch providing a tactile resistance.

2. **Centre Deadbolt**
   Offering maximum resistance to forced entry.

3. **Faceplate**
   A metal plate on the edge of the door, next to the locking mechanism, the faceplate protects the lock from wear and tear.

4. **Top and Bottom Deadbolts**
   Offering maximum resistance to forced entry.

## LOCK MAINTENANCE

A front door protects our homes from the outside world as well as intruders but is often overlooked by many in terms of maintenance. To keep your door locks functioning effectively regular maintenance is key along with ensuring that the locking mechanisms are free of grime and dirt.

**You will need:**



Small brush (paint brush) | Protective sheet | Oil spray | Soft cloth

# Slam Lock

## Key areas of the locking mechanism




1. **Centre Latch**
   A spring loaded latch providing a tactile resistance.
2. **Centre Deadbolt**
   Offering maximum resistance to forced entry.
3. **Faceplate**
   A metal plate on the edge of the door, next to the locking mechanism, the faceplate protects the lock from wear and tear.
4. **Latching Deadbolt**
   A secondary latch situated at the top and bottom of the door activated through the turning of the key.
5. **Hook Bolt**
   Securely clutches the entire lock to the frame of the door.
6. **Magnet Release Contact**
   A strong electromagnetic contact that holds the door closed.

### Do not use:

- X **Abrasive or aggressive materials** when cleaning your lock as this will damage the surface finish.
- X **Water (with or without any cleaning agent)** as this can corrode or degrade the use of your lock.
- X **Petroleum based cleaning products** as they do not contain any lubricant and over time can make your lock stick.



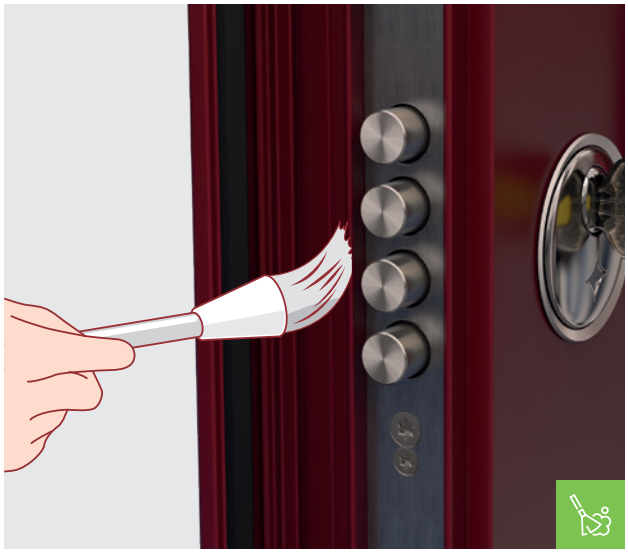
Aggressive materials | Abrasive materials | Soapy water | Petroleum based cleaning products

# Cleaning the Lock

Knowing how to maintain your locks properly can help keep your home and family safe. Regular cleaning and lubrication every 3-6 months is recommended to keep your locks operating like new and will also help prevent freezing in cold weather.

**You will need:**

- Small brush
- Protective sheet
- Oil spray
- Soft cloth



**1.** It is important that the lock pins are free of dirt and debris as this can impede the smooth operation of your lock. Use a small brush (a paint brush is ideal) to loosen any debris.



**2.** Place a protective sheet under the door, beneath the lock to protect your floor or carpet.



**3.** To clean the lock, lubricate around the pins using a light engineering oil (an aerosol spray with a straw is ideal). This will allow you to make sure that the oil penetrates deep within the locking mechanism.

**Important!** Do not use an any petroleum based cleaning products or clean your lock with light detergent.



**4.** Spray the light engineering oil into the escutcheon (key hole) and insert the door's key a few times to ensure easy operation. Use as much lubricant as you can without it pooling in the door lock or handle.

**Important!** Take care when applying to not get oil on the powder coating.



**5.** Spray the light engineering oil around the door pins (starting at the top of the door and working your way downwards). 2-3 seconds is enough spray time.



**6.** Wipe away any excess oil with a clean soft cloth.

**Important!** Do not use an abrasive cloth to wipe away excess oil. This will damage the surface finish.



**7.** After cleaning around the lock pins, immediately re-apply the light engineering oil to lubricate the lock and replace the lubricant that was removed during cleaning.

**Important!** Take care when applying to not get oil on the powder coating.



**8.** Similarly, after cleaning the escutcheon, replace the lubricant that has been cleaned away by re-applying the light engineering oil.

**SMART ADVICE**

- **Take good care of your keys** a damaged key can do damage to your lock. Using them gently and replacing them when they start to show the signs of wear and tear.
- **Only use a light engineering oil to clean and lubricate your locks.** Oil based lubricants such as WD40 will remove lubricant in the lock, leaving it dry and susceptible to the collection of dust and debris. Over time this will cause the lock pins to stick.

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