



MorlandTM
FIT OUT PRODUCTS

Handling, Care And Installation Of Door Sets

Handling and Care of Doors

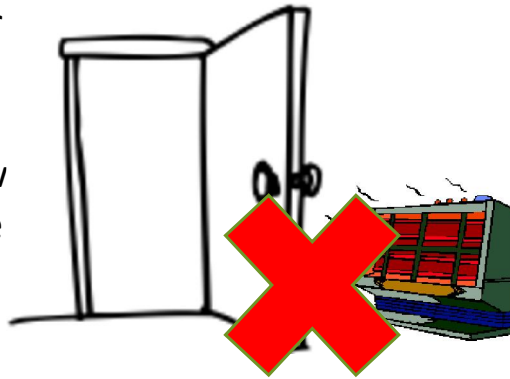
Door Sets are manufactured to the moisture level that is required by the British Standard BS EN 952

Preventing the doors and frames from shrinkage and expansion is crucial and door sets should not be subject to abnormal heat, extreme dryness, humid conditional or sudden changes in temperature or humidity.

For best results, use a dry, well ventilated building. Hanging or storing the door sets in a new building or module should be delayed until the plaster/cement or other wet construction is dry.

It is important that any packaging material is left on the door for as long as possible to avoid damage to the door surfaces. This is particular relevant to fully finished door sets

Special care must be taken when central heating or other systems are used in the building for the first. The testing of such systems in new buildings is detrimental to the joinery within. Door sets should be prohibited from extreme temperatures and precautions should be taken where there is risk of moisture content build up



Door Sets should be handled carefully to avoid physical damage and to keep them clean. They should not be dragged across each other or other surfaces

Maintenance Guide

Door Sets must be kept in good structural repair. All essential ironmongery must be maintained in correct working order. Intumescent and smoke seals must be unbroken to ensure for compliance with test certification and for effectiveness.

Interior Flush Veneer Doors

Dusty Surfaces

Dust can normally be removed with a soft duster, but if dust has bedded into the grain of the veneer it will have to be removed by the application of a liquid reviver such as teak oil or liquid furniture wax.

Damp Haze (Bloom)

A milky blue haze can occasionally develop due to cold damp conditions, high humidity or condensation etc. (happens in new builds). This can be removed by polishing with a soft cloth or the application of a good furniture wax. However you should not apply these whilst still in a damp atmosphere, particularly if you are using aerosol based furniture creams or liquid,

Light scratches and blemishes

These can generally be removed or disguised using a 00 grade wire wool followed by the wire wool coated with a soft wax as described for paint smears. If the marks are very light, use the wax coated wire wool from the beginning as this will reduce the abrasive action of the wire wool.

Maintenance Guide

Paint Smears

In no circumstances should you attempt to remove paint with cellulose thinners or paint strippers as this may ruin the original finish of the door. If the paint has smeared it can be removed by carefully scraping it with a blunt instrument, but care must be made not to scrape through the lacquer. If paint marks are relatively fresh a moistened cloth of white spirit can be used. In the case of water based emulsion paints, a cloth with moistened water can be used.

Removal of paint using the dissolving methods may leave the surface with a dull milky smear. If this is the case then it can be restored by rubbing a 00 grade wire wool coated with a soft furniture wax or liquid wax. During this process its essential you never rub across the grain. Finish off by polishing with a soft duster.

General After Care

A soft duster should be sufficient to preserve doors in good condition but if desired proprietary furniture polishes, creams, teak oils etc, can be applied but dust the door first otherwise you are coating the door with dirt and wax mixture. Also, be sparing with any wax otherwise it will show every finger mark.

Maintenance Guide

Ironmongery maintenance

Lever Handles, back plates and roses are to be periodically tested for tightness. Spindle grub screw should also be inspected and tightened from time to time. Poorly maintained lever furniture can prevent the latch from operating correctly.

Exposed surfaces of lever furniture and locks can be wiped clean with a soft cloth. Do not allow polish to enter the mechanism or the cylinder keyway. Cylinders should only be lubricated with recommended solutions- do not use oil.

Hinges and door closers should be lubricated once every six months to a year depending on the type of door and its level of use.; all fasteners should be checked for tightness. Lubrication to hinges and closers should be with a light grade machine oil. Hinges with bearings can be maintained using a lubricant such as WD40 or Tri-Flo which can penetrate into the hinge internal areas.

Where necessary, wipe clean with a weak solution of washing up liquid. Check that no additional strains are present upon the door caused by building movement or due to warping of the door set. This may result in the hinges being put under severe additional loadings.



Installation

The correct fitting of a fire door set is a skilled operation and should only be undertaken by competent installers. Door sets should be fitted as prescribed in the BS code of Practice CP151

Check that the fire door set matches the requirement for its intended location, including dimensions. Never fit an external door into an internal location or vice-versa. The frames of the door set must be fixed back to stud partitions, blockwork, brickwork or concrete walls at 150mm from the corners and not exceeding 450mm centres thereafter. The gap between the finished frame and finished opening should not exceed 10mm and be filled with a non-combustible material and capped off with intumescent mastic order the inclusion of an intumescent strip on the reverse of the frame.

Frames and linings will incorporate a 12mm door stop with intumescent seal. The stops can be out of the solid wrapped frame or planted and fixed by screwing or gluing and pinning. Frame and lining thickness will be of minimum 30mm (excluding stops) to ensure screws hold securely.

During the installation of the door sets, a reduction in overall size can be reduced by a maximum of 3mm of any edge. Gaps around the door leaves should not exceed 4mm except at the bottom of the door where 8mm is adequate.