

Dishwasher Door Maintenance Guidelines

Wooden Doors

Omega PLC uses high quality Ash and Oak Timber to construct kitchen cabinet doors. These materials are widely used throughout the kitchen industry.

Timber doors will suffer from the inherent characteristic of timber expansion and contraction due to changes in the moisture content of the timber caused by exposure to changes in humidity. These movements may also cause the paint adhesion to fail

Vertical and horizontal rails on timber products may expand if exposed to high levels of moisture, and in the case of dishwasher doors, this is classed as a high risk area for moisture. The doors will perform within the operating tolerances with minimal movement of joints if the dishwasher is operated correctly, and has completely finished its cycle before the door is opened. Failure to follow this guideline could result in the product failing.

PVC Doors

Omega PLC uses PVC Vinyl coated MDF doors which are manufactured using industry standard materials and techniques. The MDF used to produce these doors has a melamine backing to finish, strengthen and balance the doors. The faces of the doors are finished using high quality PVC Vinyl which is heated and vacuumed onto the MDF substrate.

As with any plastic finish, if exposed to high levels of heat and moisture for extended periods of time, the Vinyl may shrink exposing the raw MDF beneath the surface. As MDF is a porous material, if exposed to high levels of moisture, this will cause the material to swell, bubble or crack. PVC doors may also warp if exposed to high levels of moisture.

Painted Doors

Omega PLC finishes painted doors using high quality industry standard lacquers which give a high quality, durable finish which can withstand the day-to-day use of any domestic kitchen. All Omega painted products conform to all the relevant British Standard requirements for kitchen furniture.

However, if painted products are exposed to high levels of moisture, this can cause the lacquer to fade and in some cases, may bubble; crack or flake on the surface, which then exposes the Timber or MDF substrate.

Preventative Actions

To prevent the risk of steam and moisture damage to any dishwasher door, it is advisable that the dishwasher is left idle for at least 15 minutes once the cycle has completed before unloading, or in some cases on newer dishwashers, wait for the dishwasher buzzer to sound.

It is also advisable to wipe the kitchen door with a damp soft cloth once the cycle has finished, as any residue left from the dishwasher may penetrate and/or affect the surface over a period of time.

Problems related to dishwasher doors failing is commonly due to:

- Misuse (opening the dishwasher before the cycle is finished, or opening the door after the cycle has finished but the steam has not had chance to evaporate)
- Faulty dishwasher (poor seals).
- General usage (the moisture resistance requirement in this application with the above variables is virtually impossible to 100% guarantee on painted timber/ foil doors/MDF doors)