



MCNALLY JOINERY | PAINTING PROCESS

The following are some of the processes we use at McNally Joinery to ensure the longest lasting paint finish on our joinery products;

1. Moisture content of timber is checked prior to machining.
2. Timber is manufactured using techniques to facilitate the sticking of paint to the timber. One such technique is to include a slight pencil round on all square edges to allow paint to flow around the corners. In certain circumstances slight splayed angles are used to prevent water from accumulating and settling on the timber.
3. All products are sanded after assembly.
4. Doors are pre-hung in their frames, hardware is then removed and paint applied to ensure all nooks and crevices are covered.
5. As timber contains natural oils, preparation of the timber prior to spraying is essential. This includes wipe down with cellulose thinners to ensure a good bond between paint and timber.
6. End grain sealing is performed to ensure no moisture ingress.
7. First coat of Teknos™ anti-fungal primer is applied.
8. Joinery is left to dry for at least 4 hours at specified humidity and temperature levels in our temperature controlled spray booth.
9. Joinery is lightly 'de-nibbed' and dusted off to allow adhesion for the next coat of paint.
10. Second coat is sprayed and product is checked for correct number of microns (thickness) applied to ensure an even coat of chosen paint has been applied to the surface of the joinery. Micron level should be 150-175 WTF (Wet Film Thickness).
11. Joinery is left to dry for at least 4 hours at specified humidity and temperature levels in our temperature controlled spray booth.
12. Joinery is lightly 'de-nibbed' and dusted off to allow adhesion of the final coat of paint.
13. Third and final coat of paint is sprayed.
14. Joinery is left to cure in our finished goods area prior to fitting joinery on site.
15. Sashes and slips are sprayed in the same process separate to the window frame. This ensures a full envelop finish with every corner and crevice receiving sufficient coverage.
16. Once the paint is cured, the joinery is reassembled and hardware fitted.