

HOW TO BRUSH APPLY WATER-BASED PAINTS

GUIDE FOR PROFESSIONAL DECORATORS

Waterborne and solvent borne materials require different brushing techniques, due to the faster drying and reduced flow of waterborne coatings.

Water-based paints advantages:

- Very low solvent levels
- Rapid drying
- Good durability

The application differences, compared to traditional solvent paints, are easily overcome by following some simple guidance.



- Only coat on fresh wood or wood without defects such as cracks, resin exudation or blue staining
- The quality of the brush is very important as short haired or worn brushes will leave lines in the dry coating film.
- For maintenance ensure surface is correctly prepared (see Teknos Maintenance Guide)
- Prior to sanding clean the surface, working from the bottom upwards
- All surfaces to be coated must be abraded with a fine grade (180 or 220 grit) glass paper or flexible sanding pad, then washed down to ensure they are free from dust
- Prior to application, thoroughly wet the brush with water, ensuring that the base of the bristles (the heel of the brush) is fully wetted
- Do not coat in direct sunlight

Teknos Technical Library

- Any synthetic brush will be suited for application as long as the brush is good quality from a reputable merchant.
- Teknos topcoats can be applied directly from the tin, though additional thinning with up to 5% of water will improve the flow and levelling properties of the product, particularly in warm weather.
- An even coating film is important for durability and also for appearance, particularly in the case of translucent wood stain. With practice, an even coat can be applied quickly, following a three stage application technique:

1. Load the coating generously and disperse quickly over the surface.
2. Even out the coating with light diagonal cross strokes. Do not overbrush; the coating will flow and level naturally.
3. Finish with light brush strokes in the direction of the grain.

- When painting apply and finish each length section systematically.
- If painting a door start from the bottom and work your way upwards.



- When applying darker opaque colours over previously applied lighter shades, a base coat of the final colour or one coat of a suitable Teknos primer will help achieve an even finish.
- Do not apply in extremes of temperature. The most suitable temperature range is between 8°C and 20°C. Humid conditions will prolong the "wet edge" time of the coating while warm windy conditions will reduce it. Avoid drying in wet weather conditions.
- Wash out brush with a mild detergent solution (e.g. washing up liquid) and rinse with clean water.
- Disposal of excess paint and cleaning materials or liquids must follow local legislation



Always refer to the Technical Datasheet for full instructions on how to use Teknos products.

For further support, contact your local Teknos representative or visit [teknos.com](https://www.teknos.com)