

Application to Painted Surfaces - Vehicles

Vinyl applied to factory finish vehicle paintwork would not be at risk of lifting the paint on removal of the graphics. Because of the variability of re sprays however, it is not possible to guarantee that vinyl will not lift the paint. Where vinyl is applied to a vehicle, the vinyl under the paint will be free from fading, so removing the graphics after time may show an impression of where the graphics have been.

Sound painted surfaces are generally suitable for the application of vinyl although the paint must be fully cured before application. For vehicles a general guideline is to allow at least 5 days after painting before the application of vinyl, although this may be longer if the initial coats of paint have not been allowed to cure before the next coat applied.

Two pack paints on vehicles provide a more stable surface than cellulose paints, as the latter will continue to give off solvent whilst hardening, and this solvent can become trapped under the vinyl causing bubbling. A test application in a small area is recommended if you have any doubts about the quality of the paint finish.

Application to Painted Surfaces - Painted Walls

With the development of new paint technologies applying digital prints has become a tricky experience. The increase in washable, wipeable, low VOC, anti fungal paints, to name a few, cause the wall to have a lower surface energy meaning standard adhesives will struggle to 'wet out' fully and most probably end with a failed application. It is advised before any application to test the desired material for 24-48 hrs to see if it will adhere properly.

If the paint causes failure...

- 1, Prime the wall with SilverBullet Primer or Zinsser Bulls eye 123 primer.
- 2, Wash with an IPA + water mix.
- 3, Use a high adhesive coatweight or High Tack material

Walls should be painted at least 2 week before application. Longer if possible to ensure they are fully cured. The paint must be well keyed into the plaster to prevent it lifting on removal of the vinyl afterwards.

Application to Painted Surfaces - Powder Coated Surfaces

Powder coating is commonly used as the paint finish for aluminium sign trays and systems in the sign industry. Some powder coatings are made up with plastic, of which some are thermoplastic and some are thermoset. Typically, these coatings are low energy surfaces. Material should be tested prior to application to ensure a successful application.

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