



TECHNICAL ASSISTANCE

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Cleaning Procedures for Permacolor® Overlaminated Images

A) For graphics with **Permacolor®** general purpose laminating films (LUV8000, LUV8200, LUV8300, PG7000, PG7200, and PG7300 series):

- 1) Use a clean, soft, lint-free cloth.
- 2) Use off the shelf glass cleaner (Windex, Glass Plus, etc.).
- 3) Spray the cleaner onto the cloth, **not** onto the image.
- 4) Wipe down the image with the wet (do not over saturate) cloth.
- 5) Immediately dry with a clean soft dry cloth.
- 6) If the edges of the image are not sealed, take care not to introduce cleaner to the adhesive as over time edge lifting will occur.

B) **PermaGard® PGD6000** is intended for dry-erase applications. If dry-erase is not the intended application the above procedure will work well. However, if the application is for dry-erase, any use of solvents (even glass cleaners which contain solvents) will significantly, negatively, impact the dry-erase capabilities of this film. Use only Dry-Erase board cleaners or a soft wet (water only) cloth.

C) For graphics using **Permacolor®** High Performance wrap laminating films (RAYZor® LF3600, Horizon™ XL1000 series and Silver Metallic or Brilliant Crystal): Make sure wrap has been installed correctly using PERMACOLOR® RAYZor™ laminate (LF3648 Gloss).

Before you wash and wax your vehicle wrap do a walk-around to insure no lifted edges or seams. Any you find can be quickly repaired. If it has just been wrapped use alcohol to “freshen the adhesive and reapply. Or if it shows dirt on the adhesive using a small amount of exterior capable, liquid glue will do the job. Use sparingly and clean up any excess immediately.

- 1) Make sure wrapped car is clean and free of dirt.
- 2) Use soap designed to clean automotive surfaces. Do not use household detergents or dish soaps. Wipe dry to eliminate any spotting.
- 3) Select a vinyl compatible polish or wax.
- 4) After testing our graphic products with a number of off-the-shelf protect-ants, we have determined that a good silicon based polish will repel the majority of contaminants.
- 5) Use as directed, and repeat every 3-4 months.

D) For **PermaFlex®**, thick textured laminating films (IP6000, IP6100, IP6200 and PF6300, PF6400, PF6500, PF6600 FloorGrip™ series). The above procedure will work for these films with the following modifications due to the roughness of the textured surface:

- 1) Very lightly spray the cleaner onto the surface of the image.
- 2) Wipe lightly with dry, clean, soft, lint-free cloth; allow to air-dry 10 – 20 min.
- 3) After image has completely dried, use a soft bristle brush to remove any cloth residue that has resulted from wiping rough surface with cloth.
- 4) If the edges are not sealed, take care not to introduce cleaning solution to these areas as edge lifting will occur over time.

If **PermaFlex®** has been used in a floor graphic application, MACTac recommends sealing the edges and applying a coating of floor wax 24 hours after graphic has been installed and prior to cleaning with floor cleaning chemicals and mechanical cleaners (rotary scrubbers and buffers).