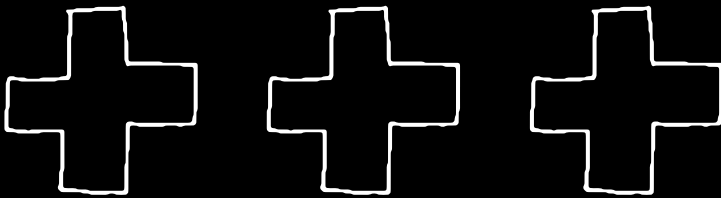


Plastic  
makes perfect



# MaxMeyer Techtalk

## Plastic makes perfect

Manufacturers often resort to plastic body components to achieve the complex shapes so necessary for today's aerodynamic body systems.

For bodyshops, that provides the extra challenge of achieving a long lasting repair on a non traditional substrate. Failure to do that could mean revenue consuming warranty repairs.

To help you avoid this, MaxMeyer have developed a complete Plastic Repair Process and System for plastics. The streamlined MaxMeyer Plastics range includes everything you need to prepare new and existing plastic surface including bumpers, wheel trims, wing mirrors, spoilers and glass reinforced substrates.

The MaxMeyer system components include:

### + 1.931.3660 Plastics Cleaner

A water miscible cleaning solution designed to remove contaminants on plastic substrates including traffic film and mould release agents. This is an essential product, in the process, to ensure the best possible adhesion of repair stopper or paint systems.

Top tip: Apply with prep weave pad using only moderate pressure. Wash off thoroughly with clean water and dry with a clean cloth.

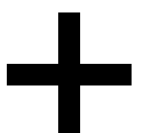
### + 1.823.1500 1K Plastiprimer 1500

Designed for use on all bare plastic surfaces to allow adhesion prior to the refinish process. Applied through a spraygun the 1K Plastiprimer gives very economical application for larger areas. One full light coat is all that is needed to modify the surface allowing total topcoat adhesion.

Top tip: Left over product can be replaced in the original container, therefore saving product and money for your Bodyshop.

### + 1.931.4000 Antistatic Agent

Designed to reduce and remove static electricity which accumulates on plastic vehicle parts. The MaxMeyer Antistatic Agent allows easy removal of contaminating agents from paintable substrates without cutting into these solvent sensitive parts whilst reducing static charge.



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### + 1.823.1600 1K Plastiprimer 1600 Aerosol

A one pack universal primer for use on plastic materials. 1600 has all the benefits of 1500 is supplied in a practical and convenient aerosol spray can.

Top tip: Ideal for smaller repairs where a large application through a spraygun is not required; so saves on cleaning solvents, time and money.

### + Tech Tips to consider when painting plastic components

Quality doesn't happen by chance; it's all about having repair processes in place that are standardised to produce consistent quality and minimise reworks. MaxMeyer recommends introducing 'key quality checking stages' and assign responsibility to each stage for sign off. For example:

- + If using an aerosol, shake the can before using it. The best technique for painting with aerosol is to use light, overlapping strokes.
- + Use of plastic primer helps give the paint something more to stick on to than the light 'key' scratches. This will reduce the likelihood of paint flaking off the surface.
- + Be aware that all plastics can potentially distort if not correctly supported when baking.
- + Where plastics are heat cured, take care not to distort the plastic with excessive heat, particularly with infra red. Foamed plastics can blow out air from holes in the surface when heat cured. This can leave blisters in the paint finish.
- + When air drying is required then it best practice to paint at the end of the day and leave the job in the booth to dry overnight. Removing uncured painted parts from the booth is likely to result in excessive dirt inclusions in the paint film.

