Plastic makes perfect
MaxMeyer Techtalk
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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.
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.

+ 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: