



*WORKING PROCEDURES:*

# AUTOMOTIVE POLISHES IN CAR SMASH REPAIR

Smash repair always requires the restoration or replacement of damaged exterior body panels.

These body panels need to be spray painted in exactly the same colour as the rest of the car body. After spraying the body with the appropriate paint the curing or solidification of the paint is achieved by exposing it to elevated temperatures.

If, during this curing process, any airborne dust settles on the soft paint coating, a dust nib or minor imperfection will result. As it is difficult to remove all dust from the air, some dust will always cause blemishes. The extent of the problem varies between repair shops, depending on the amount of dust present.

Whatever the extent of the problem, the method of dealing with it is always the same:

Wet and dry sandpaper, #1000 to #2000 is used to sand down the dust nibs. In turn, the sand-paper leaves behind a dull patch. This dull patch is returned to full brightness by applying our *Buff the Scuff* with a lamb's wool buff or a foam buffing pad mounted on a polishing machine.

Depending on the amount of sanding back that needs to be done on a given panel the operator may select our "Medium Cut" version of *Buff the Scuff* if #1000 sandpaper was used over a large part of the panel's surface. This choice will save time.

Our "Low Cut" version is generally preferred when less "sanding back" was necessary. After polishing with any version of *Buff the Scuff* our wax polish *Ferro-Glo* may be applied by hand on a cotton cloth, or by machine with a foam or lambswool pad.

Many final wax polishes on the market today actually do contain some silicone, which can cause serious problems in a paint shop. *Ferro Glo* has no silicone to avoid any subsequent painting problems such as "fish-eyes" and paintshop contamination.

Alternatively, in place of *Ferro Glo*, our super fine abrasive polish *Zero Swirl* may be applied with a hand held polishing machine on a lamb's wool buff or a foam pad. This abrasive polish is wax free but provides the same lustre as polishing wax. In addition, the lustre is more permanent as it is due to a smooth paint surface, not a built up wax coating that can weather away or be washed off.

However, if desired, *Ferro Glo* can be applied after *Zero Swirl* for additional paint protection.

**For more information see our website <http://www.ferrofin.com.au>**