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Topcoat Repair



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Quality from start to finish.



Lacquer Topcoat Repair

The key to the industry's finest topcoat lacquer repair system is Abralon – the newest and most innovative abrasive finishing product available.

Abralon's unique construction features a mesh fabric coated with closely sized abrasive particles. This mesh is laminated to foam with a brushed cloth backing for easy attachment to hook-faced backup pads.

The open mesh and foam construction is ideally suited for use with a lubricant. The lubricant flows around the abrasive grains and is absorbed or released by the foam as required. This keeps the work surface cool and prevents damage.

Features & Advantages

Quality

- Elimination of coarse scratches
- Produces improved finish because of the fine scratch pattern
- Reduces possibility of cut-through defects during repair procedure
- Easily conforms to curved and contoured surfaces - especially with the use of an interface pad

Savings

- Increased production through reduced rework time
- Reduction in "seconds" and scrap
- Reduced labor time to obtain desired finish
- Simple repair procedure requires reduced training time for workers

Suggested Finishing Steps

The following guide is designed as a starting point when repairing topcoat defects such as drips, runs or sags. Final grit selection may be changed to meet specific application requirements.

Abralon should be used with a lubricant.

Step One

Level the defect using Royal Micro 1500 grit

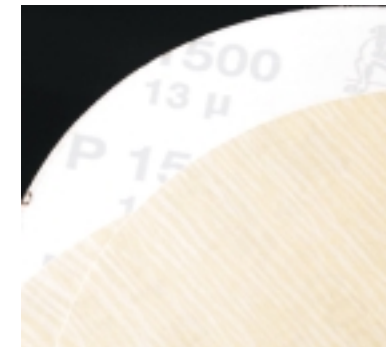
Apply a small amount of petroleum based lubricant on the area of the defect. Place sander on the part before starting. Using moderate pressure, level the defect. Keep area being sanded to a minimum.



Step Two

Finish repair using Abralon 1000 grit

Apply a small amount of petroleum based lubricant on the area of the defect. Place sander on the part before starting. Using moderate pressure, feather the leveled area to match the sheen of the surrounding surface. Abralon will remove the grit marks and bring the finish of the repair area to the desired gloss level.



Step One: Royal Micro

- Full resin bonding and latex backing make the product ideal for dry or wet sanding.
- Balanced flexibility allows for easy sanding of contoured surfaces and removal of defects in paint surfaces.
- High performance stearate coating provides longer life and improved quality finish.
- Micron graded.

Step Two: Abralon

- Combines benefits of abrasive cloth and non-woven products.
- Constructed with a fabric face, foam center and a grip backing.
- Abrasive grains are bonded evenly to the fabric face.
- Openings in the fabric allow solvent and air to flow freely around the abrasive.
- Works especially well when sanding contoured surfaces, corners and sharp edges.
- Open cell design holds large amounts of solvent for lubrication and cooling.
- Foam center also provides for even surface pressure that helps eliminate "finger marks" when hand sanding.

Sheen

65-70

55-60

45-50

25-35

Abralon Grit

4000

2000

1000

500

Note: Using the correct sanding procedures and choosing the appropriate Abralon grit will produce a repaired unit with no defects and a matched finish. On large repairs, Abralon may be used on the whole part for uniformity. Repair procedures will vary depending on the type and thickness of topcoats.

