

# FINISHING SYSTEMS

## SILICONE-FREE POLISHING & COMPOUNDING PRODUCTS

DRX 1000 CUTTING COMPOUND	A673
DRX 1500 POLISHING COMPOUND	A674
DRX 2000 FINISH GLAZE	A675
DRX 3000 PROFESSIONAL FINISH ENHANCER	A676

### PRODUCT DESCRIPTION

Finishing Systems is a line of silicone-free polishing and compounding products. Each is non-hazardous and easy to use, and is particularly suitable for use on OE and 2K refinish paintwork.

The products form a logical sequence, each designed to rectify a particular level of surface defect :

**DRX 1000 :** Cutting compound for removing moderate orange peel, minor sags and runs, dirt nibs and acid rain damage.

**DRX 1500 :** Polishing compound for removing minor orange peel, small dirt nibs, harsh compounding swirl marks and overspray.

**DRX 2000 :** Finish glaze for effective removal of compounding swirl marks, light overspray dust and light surface oxidation.

**DRX 3000 :** Professional finish enhancer - a non-abrasive hand glaze designed to give a brilliant, swirl-free shine to any topcoat finish.

Ideal as the finishing touch to any repair, Finishing Systems products are especially suitable for fadeout and spot-repair work.

### ANALYSIS OF PAINT FINISH & SURFACE DEFECT LEVEL

#### Identify the level of through-cure in the paint finish :

either

**FRESH Paint Finishes :** e.g. 2K refinish materials air dried for 24-48 hours

or

**CURED Paint Finishes :** e.g. OE finishes

2K refinish materials lowbaked or cured out with IR lamps or arches

2K refinish materials air dried for over 48 hours

#### Identify the defect level to be rectified :

**LEVEL 1 :** Moderate orange peel, minor sags and runs, dirt nibs and acid rain damage.

**LEVEL 2 :** Minor orange peel, small dirt nibs, harsh compounding swirl marks and overspray.

**LEVEL 3 :** Compounding swirl marks, light overspray dust and light surface oxidation.

**LEVEL 4 :** No defect.

**Refer to the 'Process Recommendation' sections on page 2** to identify the sequence of Finishing Systems products to use.

**Refer to the 'Application Guide' sections on pages 3 & 4** for full application details of individual Finishing Systems products.



## APPLICATION PADS

Finishing Systems products must be applied with a suitable type of application pad - as indicated in the process recommendation tables below. For ease of reference, pads are referred to as type A, type B or type C, according to the guide below :

**Pad type A** : Wool Compounding Mop for heavy cutting

**Pad type B** : Wool Polishing Mop for moderate to light cutting

**Pad type C** : Sponge Foam Polishing Pad for minimal cutting action

**Hand** : Manual application with a clean, damp cloth

Use only clean, good quality application pads. Avoid pads soiled with dried compound or with colour from previous polishing and compounding work.

## PROCESS RECOMMENDATION

### FRESH Paint Finishes

*2K refinish materials air dried for 24-48 hours.*

Defect Level	Wet Sand with	Step 1	Step 2	Step 3
LEVEL 1	P1500 grit or finer	DRX 1000 (pad A)	DRX 2000 (pad C)	DRX 3000 (Hand or pad C)
LEVEL 2	P1500 grit or finer	DRX 1500 (pad A)	DRX 2000 (pad C)	DRX 3000 (Hand or pad C)
LEVEL 3	Ultrafine grit (if necessary)	DRX 2000 (pad B or C)	-	DRX 3000 (Hand or pad C)
LEVEL 4	Not necessary	-	-	DRX 3000 (Hand or pad C)

- Before compounding or polishing, allow the paint finish to dry for the recommended 'through dry' schedule on the data sheet.
- Use of an accelerator (e.g. Deltron D818 Accelerator) will give a faster air-drying through-cure with harder surface finish. If such an accelerator has been used, better results may be obtained by following the recommendations for cured finishes below.

## PROCESS RECOMMENDATION

### CURED Paint Finishes

*OE finishes & 2K refinishes lowbaked, IR cured or air dried for over 48 hours.*

Defect Level	Wet Sand with	Step 1	Step 2	Step 3
LEVEL 1	P1200 followed by P1500 grit	DRX 1000 (pad A)	DRX 1500 (pad B)	DRX 2000 (pad C)
LEVEL 2	P1500 grit or finer	DRX 1000 (pad A or B)	DRX 2000 (pad B or C)	DRX 3000 (Hand or pad C)
LEVEL 3	Ultrafine grit (if necessary)	DRX 2000 (pad B)	-	DRX 3000 (Hand or pad C)
LEVEL 4	Not necessary	-	-	DRX 3000 (Hand or pad C)

- These recommendations are based upon the use of Finishing Systems products over a variety of PPG 2K topcoats. Some specific finishes may vary in hardness and polishability, and it may be necessary to adjust the system slightly to obtain the desired results.
- Allow a minimum 2 hour cooling period before application of Finishing Systems to lowbaked or IR cured finishes.



Follow the application recommendations below for each individual Finishing Systems product. In each case, the following general recommendations are also to be followed :

- Shake the container well before use
- Do not apply Finishing Systems products to hot surfaces or to surfaces exposed to direct sunlight, as this may result in staining.
- Keep product containers closed when not in use, and store in a controlled temperature environment (20-30°C). Do not expose Finishing Systems products to temperatures below freezing (0°C).

#### APPLICATION GUIDE

##### **A673 : DRX 1000 CUTTING COMPOUND**

*Wet Sanding*

- On fully cured surfaces, wet sand with P1200 then P1500 grit. For small, localised rectification work and on fresh surfaces, use P1500 grit or finer.

*Machine Application Pads*

- Pad type A (wool compounding mop) for heaviest compounding
- Pad type B (wool polishing mop) for lighter work

*Buffer Speed*

- 1500 - 2500 rpm

*Method of Application*

- Apply a suitable quantity of DRX 1000 to a work area of approx. 50cm x 50cm
- Work the DRX 1000 in a circular, overlapping motion while applying sufficient pressure to remove the surface imperfections
- Take care to avoid scouring or cutting through the finish.
- Once imperfections are removed, lighten the buffer pressure and polish the surface to an even gloss level
- Wipe off excess DRX 1000 with a clean cloth
- Continue with the next recommended Finishing Systems product
- For full process details, refer to 'Process Recommendation' sections above



#### APPLICATION GUIDE

##### **A674 : DRX 1500 POLISHING COMPOUND**

*Wet Sanding*

- P1500 grit or finer

*Machine Application Pads*

- Pad type A (wool compounding mop) or B (wool polishing mop) for removal of 1500 grit sanding scratches, imperfections and moderate orange peel on fresh painted surfaces.
- Pad type C (sponge foam polishing pad) for harsh compounding swirl marks

*Buffer Speed*

- 1500 - 2500 rpm

*Method of Application*

- Apply a suitable quantity of DRX 1500 to a polishing area of approx. 50cm x 50cm
- Work the DRX 1500 in a circular, overlapping motion over the surface in order to ensure uniform coverage. Continue to apply moderate pressure until all surface imperfections are removed, then lighten pressure and polish to an even gloss level
- Once imperfections are removed, lighten the buffer pressure and polish the surface to an even gloss level
- Wipe off excess DRX 1500 with a clean cloth
- Continue with the next recommended Finishing Systems product



- For full process details, refer to 'Process Recommendation' sections above





#### APPLICATION GUIDE

##### A675 : DRX 2000 FINISH GLAZE

###### Wet Sanding

###### Machine Application Pads

###### Buffer Speed

###### Method of Application

- Ultrafine grit (if necessary)
- Pad type C (sponge foam polishing pad) for compounding swirl marks on fresh painted surfaces
- Pad type B (wool polishing mop) for ultrafine sanding scratches and light overspray dust.
- 1500 - 2500 rpm
- Apply a suitable quantity of DRX 2000 to a buffing area of approx. 50cm x 50cm
- Using moderate to light pressure, work the DRX 2000 over the surface with overlapping circular motions. Once imperfections are removed, lighten the buffer pressure and polish the surface until the desired gloss level is achieved.
- Wipe off excess DRX 2000 with a soft, clean cloth
- If appropriate, continue the polishing process with DRX 3000
- For full process details, refer to 'Process Recommendation' sections above

#### APPLICATION GUIDE

##### A676 : DRX 3000 PROFESSIONAL FINISH ENHANCER

###### Sanding

- None

DRX 3000 is easily applied by hand, but may also be applied by machine

###### Application by hand

- Pour a sufficient amount of DRX 3000 onto a clean, damp cloth and apply to a small section of the surface
- Rub or buff the surface in an overlapping circular motion
- Allow the DRX 3000 to dry to a slight haze, then wipe off with a soft, clean cloth

###### Application by machine

###### Machine

###### Application Pad

###### Buffer Speed

- Pad type C (sponge foam polishing pad)
- 1500 - 2000 rpm
- Apply DRX 3000 to a small area of surface and machine buff at a reduced speed (see above)
- Wipe off with a soft, clean cloth



#### HEALTH AND SAFETY

Please refer to Material Safety Data Sheets for full Health, Safety and Environmental details.

**These products are for professional use only.**

The information given in this sheet is for guidance only. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.



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