



427 Diamocolour 1k Pigmented Topcoat

427 Diamocolour is a high quality Formaldehyde free Nitrocellulose single pack pigmented lacquer. Diamocolour is available in a full colour range in satin 30%, semi-gloss 50% and gloss 100% or can be individually matched as required. Diamolac clear is available in 100%, 50%, 30% and 10% gloss levels.

- **Product:** 427 Diamocolour 1k Pigmented Topcoat.
- **Standard Colours:** Can be tinted to full colour range. (Not Metallic)
- **Colour Gloss Level** Available in gloss 100%, semi gloss 50% and satin 30%. (Other gloss levels available upon request in minimum batch sizes)
- **Clear Gloss Level** 100%, 50%, 30%, 10%
- **Thinning:** TZ075 Lacquer Thinner,
(Up to 30% by vol.)
- **Retarder:** TZ14S Retarder.
(approx. 3-5%. Maximum 10%)
- **Drying Time** Tack free 20-30 minutes. Recoat 2-3 hours.
(May be force cured in an oven at 40° C for 20min and recoated when the substrate has reached ambient temperature.)
- **Interior Exposure** Very Good
- **Exterior Exposure** Fair 6-12 Months
(It is recommend that coated articles be protected from direct sun light for extended durability)
- **Yellowing** Typical of Nitrocellulose Lacquer
- **Container Size** 4Lt, 20Lt
- **Primer** **Timber**
 - 427P Diamoprime
- **Coverage** Theoretical 15-20 square metres per litre
Practical 6-8 square metres per litre (Spray Application)

Uses: 427 Diamocolour is free from formaldehyde, isocyanates and colours are all free from heavy metals and lead. When used over 427 Diamoprime, the system is suitable for coating children's toys and furniture.

Used as a quick air drying lacquer over suitably prepared and primed timber substrates for interior furniture, cabinetry and shop fitouts. (Not for wet areas) Exhibits short recoat times and tough flexible films.

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APPLICATION

Timber

System 1/

1st Prime with suitable Polyurethane or Polyester basecoat and allow to cure as per manufacturers specification.

(60-80 micron dft)

NB: dft- Dry Film Thickness.

2nd Sand with 320 grit paper and topcoat with 210NL

(40 – 60 micron dft)

3rd Allow 2nd coat to cure at least 2 hours. Lightly sand with 320grit paper and recoat as outlined in step 2

Note heavier coats will require longer recoat times

(Force curing of Diamocolour @ 40° C will allow a recoat time of approx 30 min)

System 2/

1st Coat 427P Diamoprime White Primer and allow for 2 hours cure.

2nd Coat 427 Diamocolour to 40 – 60 micron dft

3rd Allow 2nd coat to cure at least 2 hours. Lightly sand with 400 grit, and recoat with 427 Diamocolour if required.

Note heavier coats will require longer recoat times

(Force curing @ 40° C will allow recoat times of 30 min)

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