



320S Diamoseal 1k HB Precat Clear Sealer

320S Diamoseal is a single component precatalysed nitrocellulose sealer. It has been specifically designed for industrial applications on interior furniture and general woodwork. 320S Diamoseal is available only in a clear satin finish.

- **Product:** 320S Diamoseal precatalysed nitrocellulose sealer.
- **Standard Colours:** Clear
- **Gloss** 10 – 20% @ 60° angle
- **Thinning:** TZ075 Lacquer Thinners, TZ14S reducer.
(Precat Sealer may be thinned up to 5% by vol.)
- **Drying Time** Tack free 5 -10 minutes. Recoat 2 hours ambient.
(Oven curing for 20 min @ 40° C may reduce recoating schedule to approximately 30 min. Allow timber to cool to approximately ambient temperatures before recoating.)
- **Interior Exposure** Very Good
- **Exterior Exposure** Not suitable (Must be protected from direct sunlight, rain and water condensation)
- **Yellowing Characteristics** Typical of nitrocellulose based lacquer
- **Water Resistance** Suitable only for splash resistance, typical of nitrocellulose lacquers. Wet areas should be coated with two component chemically resistant coatings such as polyurethanes.
- **Container Size** 4Lt, 20Lt, 200Lt
- **Coverage** Theoretical 15-20 square metres per litre
Practical 6-8 square metres per litre (Spray Application)

Uses: Used as an industrial grade precatalysed NC sealer over suitably prepared timber, particle board and MDF surfaces. 320S Diamoseal is ideal for use in industrial production lines for coating most internal furniture. 320S Diamoseal exhibits excellent film build with excellent hold out and sanding characteristics, excellent vertical spray application with very short recoat times and excellent sealing properties over MDF.

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APPLICATION

Clear

1. Apply one coat of Precat Sealer and allow 1 hours cure @ room temperature.
2. Lightly sand with 320 - 400 grit paper and recoat with Intelac topcoat at the desired gloss level.
3. If a third coat is needed allow two hours cure and repeat step 2.

Stained

1. Apply stain of desired type and colour and allow for recommended drying time.
2. Apply one coat of Precat Sealer and allow 1 hour cure @ room temperature.
3. Sand with 320 - 400 grit paper and recoat with Intelac at the desired gloss level.
4. If a further coat is needed allow two hours cure and repeat step 3.

Note heavier coats will require longer recoat times

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

PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Coloured liquid

Odour: Odour of Hydrocarbons

Specific Gravity: 1.00 – 1.30 Kg/ltr

Solids content by weight : 25 – 35%

Solubility in water g/l: None

Percentage volatile by volume : 40 – 60%

Precautions:

Heavier coats will require longer recoat times. Care must be taken not to apply excessively high film builds of precatalysed lacquers of this type as this may lead to film defects and cracking.

Although yellow resistant resins are used in our lacquers, nitrocellulose lacquers will yellow to some degree with age. Clear lacquer films will not prevent timber discoloration or degradation when exposed to UV light. Precat lacquers of this type exhibit good splash resistance to water however, we do not recommend single component nitrocellulose lacquers for use on vanity or kitchen bench-tops which may be continuously exposed to water or high humidity. In such conditions two component chemical resistant coatings are recommended.

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