



POLYMAS # 650 DIRECT GLOSS

General Description:

POLYMAS # 650 DIRECT GLOSS is a direct gloss varnish based on unsaturated polyester hardened by the help of an accelerator and catalyst. It is formulated for horizontal application and provides a perfectly dry film that gives a shining and brilliant glass like finish without polishing.

Major Uses:

It is best recommended for all types of woods, veneers and furniture items in horizontal application.

Characteristics and Physical Properties:

| | |
|--------------------------------|-------------------|
| Color | Clear |
| Specific Gravity | 1.0 Kgs. / Lit. |
| Viscosity @ 25 ⁰ C | 55 sec. FC # 4 |
| Flash Point | 21 ⁰ C |
| Solid Content | 98% |
| Drying Time | |
| Gel Time @ 25 ⁰ C | 11 - 12 min |
| Dust free @ 25 ⁰ C | 30 – 40 min. |
| Touch free @ 25 ⁰ C | 60 min |

Note: Drying time may vary due to the weather condition and to the amount of catalyst added.

Mixing & Dilution:

- Mix POLYMAS # 650 DIRECT GLOSS with 2% Accelerator # 500 before adding 2% of Catalyst.
- In most application, no thinning is required. If it is necessary, PE Thinner # 325 with recommended to dilution rate from 30 – 35% of the total mixture.
- Mix certain amount that can be used within the pot life (gel – time) of the mixture.

- Do not mix accelerator and catalyst at the same time that may cause explosion.

Method of Application:

- Surface to be coated must be properly prepared and free from oil and other contaminants.
- For MDF and OAK woods that contain tannin oil, we recommended to apply 1 – 2 coats of Isolator # 185 or Isolator # 100 for veneer and white woods.
- Application of Plastoseal 555 as a basecoat. Sand with sand paper for a smooth finish.
- Apply POLYMAS # 650 DIRECT GLOSS at the rate of 150 - 200 gms. / m² per coat. Repeat the process until desired thickness.

Storage:

POLYMAS # 650 DIRECT GLOSS should be kept in cool place below 25⁰C. Shelf life minimum 6 months in a tightly close container.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or P.E. Thinner # 125 as soon as possible.

Packing:

Available in 4 liter and 20 liter (Pail)

Physiological Hazards:

POLYMAS # 650 DIRECT GLOSS does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. POLYMAS # 650 DIRECT GLOSS is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advice.

Note: For more details regarding polyester refer to the "General suggestion for the use of polyester".

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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