



# POLYMAS HORIZONTAL TOPCOAT # 158

## General Description:

POLYMAS HORIZONTAL TOPCOAT # 158 is based on unsaturated polyester hardened by the help of an accelerator and catalyst. It is formulated for horizontal application and provides a perfectly dry and sandable film that gives a shining and brilliant glass like finish.

## Major Uses:

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

## Characteristics and Physical Properties:

Color	Clear
Specific Gravity	1.0 Kgs. / Lit.
Flash Point	21 <sup>0</sup> C
Solid Content	55%
<b>Drying Time</b>	
Gel Time @ 30 <sup>0</sup> C	18 – 20 min.
Hard @ 30 <sup>0</sup> C	5 – 6 hrs.
Buffing and Polishing	48 hrs.

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

## Mixing & Dilution:

- Mix POLYMAS HORIZONTAL TOPCOAT # 158 with 2% Accelerator # 500 before adding 2% of catalyst.
- In most application, no thinning is required. If it is necessary, polyester thinner # 125 during winter and polyester thinner # 145 during summer. It is recommended to dilute 3 – 5% of the total mixture.
- Mix certain amount that can be used with in the pot – life (gel – time) of the mixture.
- Do not mix accelerator and catalyst at the same time that may cause explosion.

*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.*

## 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 oil, we recommended to apply 1 – 2 coats of Isolator # 185 A + B and Isolator # 100 for veneer and white woods. Let it dry for 6 hrs. prior to application of POLYMAS HORIZONTAL TOPCOAT # 158 at the rate of 300 gms. / m<sup>2</sup> per coat. Repeat the process until desired thickness.

## Storage:

POLYMAS HORIZONTAL TOPCOAT # 158 should be kept in cool place below 25<sup>0</sup>C. 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 4lit( Usg.) and 20 lit (Pail )

## Physiological Hazards:

POLYMAS HORIZONTAL TOPCOAT # 158 does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. POLYMAS HORIZONTAL TOPCOAT # 158 is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advise.

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

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