



ACRYLIC GLASSCOAT

General Description:

ACRYLIC GLASS COAT is based on hydroxyl functional acrylic resins and saturated isocyanates. It is weather resistant, high gloss and excellent adhesion to substrates such as glass and plastics.

Major Uses:

Recommended as protective and decorative coatings for glass containers (bottles and jars), glass blocks and decorative flat glass for internal/external application.

Advantages:

- Economical and long lasting
- Excellent protection for new and old surfaces
- Water and dirt repellent
- UV resistant
- Long years durability

Characteristics and Physical Properties:

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| Appearance | Clear & Pigmented |
| Specific gravity | 1.0 – 1.1 kg/L |
| Viscosity | 120" FC # 4 @25 ⁰ C |
| Flash point | 23 ⁰ C |
| Non-volatile (%wt.) | Base : 42 Hardener : 90 |
| Gloss (60 ⁰) | 90 |
| Application condition: Air temperature Relative humidity | 5~35 ⁰ C 85% max. |
| Application method | Brush / spray |
| Thinner | PU Thinner # 105 |
| Mixing ratio | Base:Hardener:Thinner 90 10 25-30 |
| Pot life | 5-6 hrs. |
| Drying time @25 ⁰ C Dust free Touch free Recoat Hard | 30-45 min. 45-60 min. 12-24 hrs. 36-48 hrs. |
| Coating rate | 6-8 m ² /L |

Surface Preparation:

The substrate must be completely dry and free from dirt, grit, dust, grease and other foreign matters that may interfere in the adhesion of the glass coating. If the glass shows contaminations that require additional cleaning process, suitable glass cleaner is recommended.

It is important that there is no water on the surface prior to the coating application. Ensure the surface is free of any previous residue on the cleaner.

Application Procedure:

The mixture ready for use and it is a self priming topcoat, can be applied by brush, roller or spray. In the remaking of glasses, it is imperative to remove traces of wax, dirt and other oily matter to ensure a perfect adhesion of paint. Apply 1 – 2 coats of ACRYLIC GLASS COAT vertically and horizontally. Ensure that the application is even and uniform.

One coat may be sufficient for ordinary finish; however, one coat can be applied wet on wet if necessary. Light sanding with 600-800 grit sandpaper is recommended before subsequent coats.

Storage:

Keep away from heat and fire. Store in the dark, cool and dry places. Shelf life up to 12 months in closed container.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or PU Thinner # 105 as soon as possible.

Packing:

Available in 1 Usg, 20lit Pail, and 200lit Drum.

Physiological Hazards:

ACRYLIC GLASS COAT does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. Paint should be used within the pot life after components have been mixed together. Never leave drums of Catalyst open. ACRYLIC GLASS COAT is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advise.

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.

MAS PAINTS & CHEMICAL INDUSTRY

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