PI 5140 Water based paint spray booth clear strippable coating for walls, ceilings, floors, windows and light fixtures: one coating to do it all.

When Cured: Water Resistant, Alkali resistant and Heat Resistant

PI 5140 is a temporary clear peel-able coating for paint spray-booth walls, ceilings, floors and other surfaces where paint over spray accumulation must be readily removed. PI 5140 can be used as a peel-able coating on steel surfaces to eliminate flash rusting or as protection on glass, Plexiglas, rubber, cement, aluminum and many other hard surfaces.

PI 5140 represents the ultimate in non-solvent peel-able coatings. It is well stabilized against brittleness and it will not be softened or penetrated by most solvent-based paints. PI 5140 has no VOC's.

Features:

- Results in a reduction of labour costs by reducing the application time.
- Once cured, provides an extremely tough, uniform film thickness.
- Curing time can be cut in half with the use of increasing temperatures up to 55ºC.
- Easily removed...peels off in sheets, which eliminates messy hand scraping.
- Safe...non -flammable.
- Formulated for sag control on vertical surfaces.

How to apply paint spray booth white strippable coating:

PI 5140 coating when applied improperly can cause problems. Proper application results in a tough film of uniform thickness with no sags, less application time and minimal clean-up labour. General Chemical's waterborne clear peel-able coating may be used wherever temporary protective coatings are needed to reduce cleanup problems. Spray-booths, floors, windows, walls, machinery, equipment, and fixtures have all been applications for peel-able coatings. If you have an over-spray problem, a cleanup problem or an emissions problem, call us.

1. Apply 10-12 mils wet water based peel-able film to clean, dry surfaces (booth walls, fixtures) in a smooth, continuous spray. If using airless equipment, use .015 or .017 nozzle at a set pressure of 1200-1500 PSI. With conventional air spray, we recommend Binks nozzle #68PB with needle #368 at a pressure of 35-55 PSI.
2. After significant paint over-spray build -up, film may be quickly and easily removed. Cut film to start peeling from one corner. Production time between cleaning is increased; quality control is improved with better illumination.
3. Simply peel off in large, continuous sheets. Booth is left clean and ready for next application. Messy hand scraping or solvent removal eliminated. Clean up is fast. Waste disposal costs cut.
4. The coating provides a tough, flexible solvent-resistant film, which protects booth walls, paint fixtures, metal parts in storage, or any non-porous metal surface from paint over-spray.
PI 5140 is normally used as received. It is applied by airless spray, roller or brush. The sprayed peelable coating air-dries in 10 minutes to 3 hours, depending on thickness of the coating, humidity, temperature and air movement. PI 5140 is applied to form a film thickness in the range of 2 to 5 mils (.002" to .005"). The coating is resistant to attack by most paint solvents. Application temperature is ambient to no lower than 15° C. PI 5140 coating cures upon water evaporation. Improved air movement and temperatures up to 55º C will cure this coating in as little as ten minutes.

Removal Characteristics of white peelable booth coating: to be removed by peeling it off.

Flammability:

PI 5140 peelable booth coating presents no fire hazard either as received or during or after application.

Disposal:

During removal, water hose-down type coatings will oftentimes be mixed into the paint spray booth water compound system.

PI 5140 peelable coating is normally compatible with this kind of system.

PI 5140 is uniquely formulated excluding ingredients that are deleterious to the painting process (such as silicones) or the water washes system (such as foam generation or stabilizing ingredients).

Operating Guidelines:

1. When applying PI 5140, use the same protection as used while applying paint. The booth ventilation system should be operating while the material is being sprayed.
2. Chemical goggles and impervious gloves should be worn when handling or mixing.
3. Use of non-sparking metal is advised to scrape or spud to remove booth coating to avoid fire hazard from accumulated paint.

First Time Application:

I. Pre-cleaning of Equipment:

To clean pressure pot, airless equipment, spray guns, spray lines, do the following:

1. Flush equipment and lines with current paint thinner (ex. Toluene, MEK, Xylene, etc.)
2. Follow with a water reducible solvent such as Butyl Cellosolve. This will help remove solvent residue.
3. Now thoroughly rinse with water. Make sure all solvent and paint residue is removed.

II. Pre-cleaning of Spray Booth Walls:

1. To clean all surfaces where PI 5140 is to be applied, do the following if the last peel-coat that was used was a solvent-based product (this will aid in the first time peel/water removal of PI 5140. Clean surface with butyl-Cellosolve type cleaner.
2. Remove all previous peel-coat, oils and dirt, and solvent residue from Surface.
   
   NOTE: You do not have to do this cleaning step to have PI 5140, peel/water rinse off of the surface. Although it aids in the first time water rinse/peel of the product. Second and continuous applications can eliminate this step.

You are now ready to use PI 5140
Some Equipment Notes:

Airless System: Recommended tip size is .070. Similar to a glue tip will suffice.

Pressure Pot: Booth coat works well under the following conditions. Pot pressure at 10-15 psi while atomisation pressure is 40 psi. If a cloud effect occurs the pressure is too high. Try to control this at the spray gun. If that fails, turn down the pressure to the pressure pot.

PI 5140 can also be applied by rolling coating or by brushing.