



PI 4380 SCREENCOAT Clear Peelable coating For Temporary Protection of

1. INTRODUCTION:

PI 4380 is a strippable coating engineered for use on a wide variety of surfaces for silk-screen printing. This strippable coating is specifically designed for silk-screen printing applications. Dry film thickness can range from one to three mils. All peelable coatings are clear when dry and available in blue tint or clear version. Cured strippable coatings of **PI 4380** are water resistant. **PI 4380** resists forming operations that reach temperatures in excess of 95°C. **PI 4380** Peelable coating resists alkaline cleaners, hot water rinse and dry off. The application of **PI 4380** coatings will protect metals, glass, baked enamels and many plastic substrates from damage during manufacturing, storage and shipping. **PI 4380** represents the ultimate in non-solvent, water borne, Peelable coating. **PI 4380** does not contain any VOCs.



2. PHYSICAL CHARACTERISTICS

| | |
|-------------------|---|
| Colour | Clear/neon Blue |
| Weight | 1kg/litre |
| Viscosity | Spray viscosity or high viscosity for brushing |
| Flashpoint | None |

3. APPLICATION

Patch Test

Because it is difficult to determine the type and amount of application, perform a small test first. This will determine **PI 4380** effectiveness, coverage, and the approximate amount of time required for it to work.

PI 4380 should be used as received. It is applied by spray; brushing, roll coating or dipping. The coating dries to touch in 30 minutes or less, depending on temperature and film thickness. **PI 4380** should be applied to form a dry film in the range of 100 – 300 microns (.001" to .003") thick. Application temperature is ambient to no lower than 10 deg C, as drying times will be affected. On window frames either avoid deep channels or crevices with the material or alternatively apply a number of thick coats of the product to assist removal when dry.

4. CURING

PI 4380 will cure tack-free within 30 minutes after application, dependent upon temperature, humidity and thickness of coating. Deviations from application section will require adjustments in the curing times, as well as in the strip-ability parameters. Forced drying at 43 degrees Celsius for 3 to 7 minutes may accelerate curing. It is imperative that **PI 4380** be thoroughly cured and dry (approx 12 hours), with no water being in the film before an attempt is made to strip the coating from the substrate.

5. STORAGE

It is recommended that temperatures of 10°C - 32°C (55°F- 90°F) should be used for storage and the product should be used within one year of purchase. **PI 4380** should be stored in the original shipping container in an indoor environment. Containers should be sealed until needed. **Protection from freezing is necessary.**

6. REMOVAL

PI 4380 is readily removed from surfaces by peeling. Start with one corner of the dried film and peel slowly and carefully away from the protected substrate. Careless, quick removal will invariably cause the film to rip.

Performance statements are based upon representative experience from testing Worldwide; however, actual performance will be determined by substrate selection and preparation, exposure conditions, and maintenance of the marking.