

# WILKO PAINT, Inc.

WICHITA, KANSAS 67204-0089

MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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## WILKO THINNERS AND RETARDERS

**NO. 1 SPRAY THINNER:** A fast evaporating aromatic solvent that is effective for thinning transport and industrial spray-type synthetic enamels.

**NO. 2 SYNTHETIC THINNER:** A versatile blend of aromatic and aliphatic solvents for thinning all synthetic enamels and oil type paint systems for brush or roll application. It is slower than No. 1 Spray Thinner but may be used for above materials. Generally, one-half pint will effectively reduce one gallon of paint to spraying viscosity. Of course, thinning must be governed by the temperature prevailing at the time of application, the package viscosity of the paint, and VOC compliance with local, or national codes. Avoid excessive thinning. Naphtha, mineral spirits, turpentine and similar thinners are not good solvents of the resins in the synthetic enamels. Their addition will increase the liquid volume of the coating with comparatively little reduction in viscosity. They may also reduce hiding, gloss, build and affect the desired working properties.

**NO. 10 MINERAL SPIRITS:** Slow evaporating solvent for use in oil base finishes such as 460-series enamels and 820-series silicone alkyd enamels. May also be used as a retarder or alternate thinner in 360-series enamels.

**NO. 13 XYLOL THINNER:** A medium evaporating aromatic solvent that can be used for brush, roller, or spray applications. Slower than No. 1 Spray Thinner.

**NO. 22 VINYL THINNER:** A blend of aromatic and organic solvents for thinning pure vinyl paint systems. Reduce as specified by manufacturer for good film build during spray applications under normal conditions. Use up to one-half pint to the gallon.

**NO. 24 VINYL WASH THINNER:** This is Isopropyl Alcohol and is used for thinner and "clean up" of Vinyl Wash Primer.

**NO. 25 SPRAY THINNER:** A fast evaporating aliphatic solvent for use in brush type enamels and silicone modified alkyd systems when applying multiple coats with from an overnight to a few days lapse time between coats and allows more build in spray application. No. 2 is slower evaporating than No. 25, making it the preferred thinner for brush application.

**NO. 35 INORGANIC ZINC THINNER:** (for cool weather) A strong, fast evaporating aliphatic solvent used for reducing No.859-06 Primer Inorganic Zinc Rich in normal or cool weather. Maximum use is two to two and one-half quarts to the gallon.

**NO. 38 MEK:** A fast dry solvent used for reducing acrylic and polyester type Wilkothane HS Primers and Topcoats to application viscosity, especially in cool weather. It can be used with most solvent based enamels. Due to No.38's high solvency, old alkyd coatings or primers might "lift" when recoated with paint thinned with No.38. Use as needed. Use slower thinner if dry spray, lap mark or blushing becomes evident.

**NO. 44 WILKOTHANE THINNER:** A blend of ketones, aromatics and ester solvents used for reducing acrylic and polyester type Wilkothane HS Primers and Topcoats to application viscosity. Use up to one quart of No. 44 Wilkothane Thinner per gallon of material.

**NO. 71 WILKOPON THINNER:** A high solvency thinner for reducing all Wilkopon HS coatings .

**NO. 80 WILKOPON THINNER:** Use to replace part or all of No.71 Thinner when painting concrete or applying by roller. Minimizes bubble formation and cratering.

**No. 104 SOLV-PREP:** Used in place of most solvents for cleaning oily surfaces before painting with alkyds, epoxies and urethanes. Its high flash point makes it a safer alternative to ketones and aromatic solvents.

**No. 143 VOC FREE THINNER:** Used in place of most solvents for thinning and cleaning. Compatible with alkyds and urethanes. Very fast evaporating.

**NO. 153 WILKOTHANE THINNER:** A fast dry solvent used for reducing acrylic and polyester type Wilkothane HS Primers and Topcoats to application viscosity. Use up to one quart of No. 153 Wilkothane Thinner per gallon of material.

**No. 158 HAPS FREE THINNER:** Used in place of most solvents for thinning and cleaning. Compatible with alkyds and urethanes. Medium evaporating solvent.

**NO. 624 LACQUER THINNER:** Extra good grade moderately fast evaporating lacquer solvent used for thinning sealer and lacquers.

### RETARDERS

Retarders are slow evaporating solvent blend that is particularly effective when reducing fast dry coatings in hot weather or when painting a surface that is hot from the sun. When coatings set up so fast that it becomes difficult to spray apply a wet film, or if applied by roller or brush, it often results in a failure to flow out to a smooth and glossy finish. The fast set-up may cause overspray or lapping during application. Under these conditions a small addition of retarder will help to provide better brushability and flow out, increased gloss, and will also slow the drytime to eliminate lapping and overspray. In some cases the retarder can be used as the sole thinner.

**NO. 3 RETARDER:** Slow evaporating aromatic solvent for enamels.

**NO. 37 INORGANIC ZINC THINNER :** (preferred) A slow evaporating glycol ether solvent used for reducing No. 859-06 Inorganic Zinc Rich Primer to application consistency in hot or windy weather. Maximum use is one gallon to the gallon.

**NO. 100 RETARDER:** A slow evaporating aliphatic solvent that is used primarily to slow the drying process and to eliminate any overspray when spraying Silicone Alkyd Enamels in extremely hot, dry and windy conditions. Add until a wet finish is obtained.

**NO. 101 RETARDER:** A slow evaporating aromatic solvent used to retard the drying process and provide better flow when applying Wilkopon and Wilkothane primers and enamels in extremely hot and dry weather. When overspray or dusting occur, add No. 101 Retarder in the amount required to obtain a wet spray, which will insure a smooth, high gloss finish.

**No. 145 RETARDER THINNER:** Slow drying solvent for thinning and cleaning. Compatible with alkyds and urethanes.

### MISCELLANEOUS

**850.44 URETHANE POT LIFE EXTENDER:** An additive used to extend pot life of Wilkothane G and HS coatings without affecting the dry time – use 2-3 ounces per activated gallon.

**850.40 URETHANE POT LIFE EXTENDER:** A more concentrated form of 850.44, used at 1-2 ounces per gallon.

**NOTE ON EXTENDING POT LIFE:** Thinning with No. 145 or/and addition of Wilko No. 850.40 or 850.44 PL Extender will extend useable pot life. Do not expose paint, hoses or painting equipment to direct sun to prevent premature setting in the line due to elevated temperature. Do not activate hot paint - store Part A and Part B Activator in a cool area so the liquid temperature will not be elevated when it is time to use them.

*THINNERS FEATURED ON THIS PAGE ARE NOT INTENDED FOR GENERAL CONSUMER USE. READ INDIVIDUAL MSDS AND TDS FOR THE PAINT AND THE THINNERS AND CHECK LOCAL AND EPA VOC REGULATIONS BEFORE USING. 01/12/12*