

# WILKO PAINT, Inc.

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MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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## ACRYLIC ENAMEL HS WHITE WILKO NO. 141.110

**PRODUCT DESCRIPTION** No.141.110 Acrylic Enamel HS White is a fast dry acrylic modified enamel that exhibits good exterior durability, flexibility and hardness. It is formulated with lead and chromate free ingredients and is low in VOC.

**PRINCIPAL USE** A protective and decorative coating used for farm equipment, implement, machinery, and for general maintenance.

**COLOR:** White

**WEIGHT PER GALLON:** 10.4 + .2 lbs.

**VOC:** 3.25 lbs./gal.

**SOLIDS BY VOLUME:** 49 + 2%

**COVERAGE:** *Theoretical* – 786 sq. ft./gal.  
@1 mil DFT *Practical* - 629 sq. ft./gal.

**RECOMMENDED FILM THICKNESS:** 2.0 to 3.0 mils

**DRY TIME:** *To touch:* 15 - 30 minutes  
*@77°F To handle:* 45 - 60 minutes  
*To recoat:* Critical recoat time is 24-96 hours

**RECOMMENDED THINNER:** < 60°F: No.1 or No. 143  
>70°F: No.13 or No. 145

Note: Check VOC restrictions before thinning with No.1, No.13 or No.145 Thinner.

**RECOMMENDED PRIMER:** No. 492.43 Primer Corrosion Resisting Gray, 497.117 HS Primer Red Oxide, or 497.118 HS Primer Old Cat Yellow.

**SHELF LIFE:** 1 year, unopened, stored @77°F

**FLASH POINT:** 1°F TCC

**CLEAN UP THINNER:** No. 1 or No. 13

**SURFACE PREPARATION:** Surfaces must be clean and dry, free of oil, grease, wax and other contaminants. A chemical wash and pretreatment will give the best performance. Use of a primer will prolong life of the coating and is highly recommended.

For refinishing, or where chemical cleaning is unavailable, remove oil and grease by steam cleaning. To obtain a smooth and professional finish, sand with 280 wet or dry sandpaper. The best results are obtained by water sanding followed by washing with No.1 Thinner.

**RECOMMENDED SUBSTRATE:** Steel

**APPLICATION EQUIPMENT:** Conventional or airless spray

### APPLICATION PROCEDURE:

1. Mix until uniform before using. *Material is supplied at spray viscosity. Do not add any thinner to keep VOC below 3.25#/gal.* To prevent any craters, fisheyes, or crawling when used over fiberglass reinforced plastics, add 2 ounces of No. 850-10 or No. 850-05 per gallon of material. If thinner is needed use No.143 VOC Free Thinner. For VOC restrictions of 3.5#/gal, up to 8 ounces of No.1, No.13 or No.145 Thinner may be used
2. **CONVENTIONAL SPRAY:** Apply with industrial equipment, such as DeVilbiss MBC or JGA spray gun with No. 78 or 765 Air cap, E fluid tip and needle, or Binks 18 or 62 spray gun, and a pressure pot with mechanical agitator. A moisture and oil trap in the main air supply line is required. If VOC requirement is not a constraint, thin with up to 1 pint thinner to desired viscosity.
3. **AIRLESS SPRAY:** Any standard airless spray equipment, such as Graco Bulldog Hydra-Spray or larger, with a .013 - .017 inch fluid tip is recommended.
4. **BRUSH OR ROLLER:** Not advocated except for small areas.
5. Apply wet coat in even parallel passes, overlapping each pass 50% to avoid any holidays, bare areas and/or pinholes. If necessary, follow with a spray pass at right angles to the first pass.
6. For best results, use at temperature of 65°F or above. Do not apply when surface or ambient temperature is anticipated to drop below 50°F in 24 hours. Do not apply to damp surfaces, and surface temperature must be 5°F above the dew point for 24 hours to prevent moisture condensation, which might result in water spotting and poor film integrity.
7. For added toughness and improved chemical resistance, use 1 pint of 050.23 or 050.43 Hardener per gallon of paint. NOTE: Activated material must be used within 6 hours at 77°F

**FIRST AID:** If inhaled, remove to fresh air. If not breathing, administer artificial respiration. In case of any contact with eyes, flush with plenty of water for 15 minutes and secure medical attention.

**PRECAUTION:** Not intended for general consumer use. This product is flammable and can cause skin and eye irritations. Keep away from sparks, heat and open flames. Avoid contact with eyes, skin and clothing. Use with adequate ventilation and avoid prolonged breathing of vapors. Wear an air-supplied mask to avoid breathing concentrated vapors in enclosed areas. Keep the container closed.

For additional safety information, refer to Material Safety Data Sheets.

09/10/11