



TECHNICAL DATA

VINYL & PLASTIC PRIMER

DESCRIPTION AND USES

Zinsser® Vinyl & Plastic Primer is formulated to bond strongly to a wide range of plastic materials used in the home and building construction. Generally, plastic materials and moulded plastic parts cannot be painted with long term expected results.

When Vinyl & Plastic Primer is used as a primer, oil-based alkyd paints, water-based or latex paints, 2K polyurethanes and 2K epoxy paints can be applied to materials made of plastic.

NOTE: Recycled plastics as well as plastic additives such as mould release agents, flow control additives, flame retardants and other additives may affect primer adhesion. Because there are many types of plastics and composite materials, always test a sample for acceptable adhesion before starting the project.

PRODUCTS

SKU	Description
289379	916 mL (Quart)

PRODUCT APPLICATION

SURFACE PREPARATION

Surfaces must be completely clean and dry, free from dust, grease, wax, oil and loose paint and dirt. Clean with a strong abrasive detergent, rinse and allow to thoroughly dry. For hard, glossy surfaces, dulling the surface with carbide sandpaper before applying the Vinyl & Plastic is necessary to ensure proper adhesion. Wipe down the surface with xylene is also recommended. Do not use solvents that leave an oily residue such as mineral spirits or turpentine.

APPLICATION

Use in a well ventilated area when temperatures are between 10-32°C (50-90°F) and the relative humidity is less than 85%. Vinyl & Plastic is ready to use from the can. No thinning is required. Do not add any extra solvent. Mix thoroughly to ensure any settled pigment is re-dispersed before using. Apply with a synthetic brush, 6.4mm (¼") nap roller or airless sprayer. Plastic & Vinyl NT is not recommended for use with foam brushes or foam roller covers. Do not overload the applicator. Use light pressure when applying to reduce drips and spatter. Thin film application is desired.

PRODUCT APPLICATION (cont.)

When spraying with airless equipment, apply a light, but wet mist coat followed by a light to medium coat. Thin film application is desired. When spraying with airless, use a 0.011 to 0.015 tip with a pressure less than 1500 psi. Also, when applying with spray equipment, vapours can build up rapidly and may cause a flash fire. **Vapours may travel to areas away from the work site and ignite. Use only with proper ventilation, where moving air will carry vapours outside.** Follow manufacturer's instructions when using spray equipment.

Vinyl & Plastic will dry to touch very quickly (20-30 minutes). Work in small areas and apply evenly. Vinyl & Plastic can be topcoated in 2-3 hours and is generally hard after 24 hours. Thicker films can remain tacky for about 24 hours but will generally harden after 48-72 hours. Full cure is reached in 7 days depending on temperature and film thickness.

Note: Do not prime flexible seams or caulks which may cause cracking or loss of adhesion when coated with Vinyl & Plastic Primer.

Note: Some plastics are attacked by solvents. Always test a small area before proceeding with the project.

Note: Not recommended and do not use as a primer over silicone caulks.

TINTING

Vinyl & Plastic Primer can be tinted with up to 60 mL (2 oz) of universal colorant per 3.61 L (gallon). Do not exceed 60 mL (2 oz) of tint per 3.61 L (gallon).

DRY & RECOAT

Dry and recoat times are based on 21°C (70°F) and 50% relative humidity. Allow more time at cooler temperatures. Thicker coats will take longer to dry. Dries to the touch in 20-30 minutes and can be topcoated in 2-3 hours. Full hardness is achieved in 24 hours.

CLEAN-UP

Clean up brushes, rollers, tools and spray equipment immediately with xylene. Properly discard empty container.

CCCR

CONTENTS MAY CATCH FIRE. FUMES MAY BE HARMFUL. MAY IRRITATE EYES AND SKIN. Do not smoke. Do not breathe fumes. Do not get in eyes, on skin or clothing. Use only in a well-ventilated area. Keep away from flame, such as a pilot light, and any other object that sparks, such as an electric motor. Keep out of reach of children. Wear an organic vapour respirator if conditions warrant it. **FIRST AID TREATMENT:** Contains acetone and methyl ethyl ketone. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If breathed in, move person into fresh air. If in eyes, rinse with water for at least 15 minutes. If on skin, rinse well with water.

**TECHNICAL DATA****VINYL & PLASTIC PRIMER****PHYSICAL PROPERTIES**

Physical Properties		VINYL & PLASTIC PRIMER
Resin Type		Modified Alkyd
Pigment Type		Titanium Dioxide
Solvents		Acetone, Benzene, Ethyl Benzene, Methyl Ethyl Ketone, Petroleum distillates, Xylene
Weight	Per Gallon	10.3 lbs.
	Per Liter	1.23 g/l
Solids	By Weight	61.4%
	By Volume	41.3%
Volatile Organic Compounds		<200 g/l (1.67 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.0-1.5 mils (25-37.5 μ)
Wet Film to Achieve DFT (unthinned material)		2.5-3.5 mils (62.5-87.5 μ)
Theoretical Coverage at 1 mil DFT (25 μ)		662 sq.ft./gal (16.3 m ² /l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		Approximately 9.2-13.5 m ² /l (375-550 sq.ft./gal.) Varies depending on porosity and type of surface
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	20-30 minutes
	Recoat	2-3 hours
	Full Cure	7-14 days
Shelf Life		5 years
Flash Point		-18°C (0°F)
Warning!		DANGER! Flammable liquid and vapour
Safety Information		For additional information, see MSDS.

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