



PVA SEALER SERIES 51

PRODUCT PROFILE

GENERIC DESCRIPTION Vinyl Acrylic
COMMON USAGE A waterborne primer-sealer for uncoated drywall in interior dry environments.
COLORS 1204 PVA White

COATING SYSTEM

TOPCOATS Series 2H, 2HS, 6, 113, 114, 1028, 1029

SURFACE PREPARATION

ALL SURFACES Must be clean, dry and free of oil, grease and other contaminants. Sand joint compound smooth and feather edge.

TECHNICAL DATA

VOLUME SOLIDS 24.4 ± 2.0%

RECOMMENDED DFT See Coverage Rates

CURING TIME

Temperature	To Touch	To Recoat
75°F (24°C)	1/2 hour	2 hours

Curing time varies with surface temperature, air movement, humidity and film thickness.

VOLATILE ORGANIC COMPOUNDS

Unthinned: 0.93 lbs/gallon (112 grams/litre)
Thinned 5%: 0.93 lbs/gallon (112 grams/litre)

THEORETICAL COVERAGE 391 mil sq ft/gal (9.6 m²/L at 25 microns). See APPLICATION for coverage rates.

NUMBER OF COMPONENTS

One

PACKAGING

5 gallon (18.9L) pails and 1 gallon (3.79L) cans.

NET WEIGHT PER GALLON

10.01 ± 0.25 lbs (4.54 ± .11 kg)

STORAGE TEMPERATURE

Minimum 35°F (2°C) Maximum 110°F (43°C)

TEMPERATURE RESISTANCE

(Dry) Continuous 150°F (66°C) Intermittent 200°F (93°C)

SHELF LIFE

24 months at recommended storage temperature.

FLASH POINT - SETA

N/A

HEALTH & SAFETY

Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product.
Keep out of the reach of children.

PVA SEALER | SERIES 51

APPLICATION

COVERAGE RATES

	Dry MILS (Microns)	Wet MILS (Microns)	Sq Ft/Gal (m ² /Gal)
Suggested	1.0 (25)	4.0 (100)	400 (36.4)

Allow for overspray and surface irregularities. Film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance.

MIXING

Stir thoroughly, making sure no pigment remains on the bottom of the can.

THINNING

No thinning is required for brush or roller application. For air or airless spray, thin up to 10% or 3/4 pint (380 mL) per gallon with clean water.

APPLICATION EQUIPMENT

Air Spray

Gun	Fluid Tip	Air Cap	Air Hose ID	Mat'l Hose ID	Atomizing Pressure	Pot Pressure
DeVilbiss JGA	E	765 or 704	5/16" or 3/8" (7.9 or 9.5 mm)	3/8" or 1/2" (9.5 or 12.7 mm)	60-80 psi (4.2-5.5 bar)	10-20 psi (0.7-1.4 bar)

Low temperatures or longer hoses require higher pot pressure.

Airless Spray

Tip Orifice	Atomizing Pressure	Mat'l Hose ID	Manifold Filter
0.013"-0.015" (330-400 microns)	1500-2000 psi (103-138 bar)	1/4" or 3/8" (6.4 or 9.5 mm)	60 mesh (250 microns)

Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions.

Roller: Use 1/4" to 3/8" (6.4 mm to 9.5 mm) synthetic woven nap covers.

Brush: Use only nylon or synthetic bristle brushes. Wash brushes in water to remove paint build-up during application.

SURFACE TEMPERATURE

Minimum 50°F (10°C) Maximum 120°F (49°C)

The surface should be dry and at least 5°F (3°C) above the dew point.

CLEANUP

Flush and clean all equipment immediately after use with water.

WARRANTY & LIMITATION OF SELLER'S LIABILITY: Tnemec Company, Inc. warrants only that its coatings represented herein meet the formulation standards of Tnemec Company, Inc. THE WARRANTY DESCRIBED IN THE ABOVE PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The buyer's sole and exclusive remedy against Tnemec Company, Inc. shall be for replacement of the product in the event a defective condition of the product should be found to exist and the exclusive remedy shall not have failed its essential purpose as long as Tnemec is willing to provide comparable replacement product to the buyer. NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, ENVIRONMENTAL INJURIES OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER. Technical and application information herein is provided for the purpose of establishing a general profile of the coating and proper coating application procedures. Test performance results were obtained in a controlled environment and Tnemec Company makes no claim that these tests or any other tests, accurately represent all environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating.