



# All Purpose Bonding Adhesive LVOC

## DESCRIPTION

GenTite All Purpose Bonding Adhesive LVOC is a solvent based contact adhesive designed for bonding Rubber Roofing (Black), Rubber Roofing (White), and TPO Roofing (White) to substrate, such as insulation, wood, metal, concrete and other acceptable substrates. Please visit [www.GenTite.com](http://www.GenTite.com) for more information about this product and its proper use.

## INSTALLATION

1. Bonding surfaces must be clean, smooth, dry, and free of sharp edges, loose materials and other contaminants. Sweep the mating surface of the membrane with a stiff broom to remove excess dusting agent, if present, and remove other contaminants from the mating surface. Substrate and ambient temperatures shall exceed 20 °F (-6.7 °C) and rising before applying GenTite All Purpose Bonding Adhesive LVOC.
2. Stir the adhesive thoroughly before and during use to achieve a uniform mix with no sediment on the bottom and no marbling evident. **DO NOT THIN MATERIAL.**
3. Fold roofing membrane back so one-half (½) of the underside of the panel is exposed. Apply the Bonding Adhesive LVOC to the substrate and the membrane at about the same time using a 9" (228 mm) medium nap roller.
4. When applying the Bonding Adhesive LVOC, ensure a 100% uniform coverage of both surfaces that will be adhered. Care should be taken not to apply Bonding Adhesive LVOC within the seam areas. Avoid globs or puddles of adhesive.
5. Allow adhesive to flash off or dry completely. To determine if the adhesive is dry, touch down on the adhesive with a clean dry finger. As you touch the adhesive surface, push down to check that the adhesive has completely dried below the surface. If either test exposes wet adhesive when the finger is lifted, then the adhesive is not ready for bonding. Flash off time will vary depending on ambient conditions.
6. Apply the adhesive coated membrane into the adhesive coated substrate in a continuous motion avoiding wrinkles and folds.
7. Using a push broom, apply firm downward pressure to the membrane to promote 100% adhesion to the substrate.
8. Install adjoining panels in a similar manner, lapping edges a minimum of 3" (76 mm) in preparation for seaming.
9. All Purpose Bonding Adhesive LVOC can be applied using solvent resistant paint rollers, power rollers, or spray equipment.

## PRODUCT DATA

SIZE	QUANTITY	PRODUCT #
3 gal (11.4 L)	1 can	W59GT30143

## SHELF LIFE

12 months; shelf life will be shortened if exposed to elevated temperatures.



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## STORAGE

Store in original unopened containers at temperatures between 60 °F (16 °C) and 80 °F (27 °C) until ready for use. Product must be used within four hours of transport to the roof in temperatures outside this range. Return unused material to proper storage for a minimum of 24 hours.

## COVERAGE RATE

- Correctly applied, 1 gallon (3.8 L) of bonding adhesive will cover approximately 45 – 60 ft<sup>2</sup> /gal (1.1 – 1.4 m<sup>2</sup>/L) of finished surface.
- Some surfaces are more uneven and porous and will result in a lower coverage rate while smooth nonporous substrates will result in higher coverage rates. Rates are based on roller application to both bonding surfaces.
- Very porous substrates (rough wood, concrete block) may require two coats of Bonding Adhesive to ensure proper coverage and adhesion. This can be determined by adhering a small piece of membrane to the porous substrate and testing the bonding strength.

## PRECAUTIONARY DATA

- Refer to Safety Data Sheet (SDS) prior to use.
- **WARNING!** Flammable! Keep away from fire (open flame) and other possible ignition sources during storage and use.
- Keep away from children.
- For professional use only.
- Use only in well ventilated areas.
- Use of neoprene or nitrile gloves and eye protection with side shield is recommended.
- Do not thin.
- Mix thoroughly before and during use.
- Do not apply with rollers, brushes or rags.

## TYPICAL PROPERTIES

PROPERTY	TYPICAL VALUES
Base	Blend of Polychloroprene and SBR
Color	Yellow
Solvents	Blend of Tert-butyl Acetate, Ethyl Acetate, Toluene
Viscosity	0.93 ± 0.20 kg/L
Specific Gravity	7.80 ± 0.20 lb/gal

## LEED INFORMATION

Recycled Content	
Post Consumer	0%
Post Industrial	0%
V.O.C. Content	<250 g/L*

\* in Air Quality Management Districts that consider Tertiary Butyl Acetate (TBAC) an exempt solvent