



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 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.
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 ($\frac{1}{2}$) of the underside of the panel is exposed.
4. Apply the Bonding Adhesive LVOC to the substrate and the membrane at about the same time using a 9" (228 mm) medium nap roller. A coverage rate of 45 – 60 ft²/gal (1.1 – 1.4 m²/L) may be achieved depending on the substrate. Coverage rates will vary depending on substrate texture and porosity. 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 #
1 gallon (3.8 Liter)	4 Cans per Carton	W59GT30142
3 gallon (11.4 Liter)	n/a	W59GT30143
5 gallon (18.9 Liter)	n/a	W59GT30144

Coverage Rate: Correctly applied, 1 gallon (3.8 L) of bonding adhesive will cover approximately 45 – 60 ft²/gal (1.1 – 1.4 m²/L) of finished surface.

Some surfaces are more uneven and porous and will result in a lower coverage rate while smooth non-porous 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.

Storage

Store indoors in original unopened containers at temperatures between 60 °F – 80 °F (16 °C – 27 °C) for maximum shelf life. Do not store on roof in direct sunlight. When exposed to lower temperatures, restore to room temperature and thoroughly mix prior to use.

Shelf Life

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

Precautionary Data

- **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
- Refer to the Safety Data Sheet for additional precautionary data



Physical Properties

PROPERTY	TYPICAL VALUES
Base	Blend of Polychloroprene and SBR
Color	Yellow
Solvents	Blend of Tert-butyl Acetate, Ethyl Acetate, Toluene
Viscosity	3,300-3,800 cps, R.V.F. spindle @ 10 RPM
Specific Gravity	0.875-0.911
Weight/Gallon	7.45 ± 0.15 lb/gal (0.893 kg/L ± 0.018 kg/L)
VOC Content	Actual VOC content, less water and exempt solvents (including Tert-Butyl Acetate) is less than 250 grams/liter as supplied, and is considered VOC exempt in jurisdictions recognizing such exempt solvents.

LEED Information

Recycled Content Post Consumer Post Industrial	0% 0%
Manufacturing Location	South Bend, IN