



Description

GenTite Water Based Bonding Adhesive P is a contact adhesive designed for bonding GenTite EPDM membrane to acceptable substrates. Water Based Bonding Adhesive P is an alternative to GenTite solvent based bonding adhesives. Consult the appropriate GenTite Code Approval Guide for specific FM and UL rated assemblies.

Installation

Refer to current GenTite Application Instructions for additional application instructions.

Horizontal

The deck surface must be clean, dry, smooth, and free of any foreign materials, grease, or oil. Position the GenTite EPDM membrane over approved substrate and allow to relax for one-half (1/2) hour prior to bonding.

Stir adhesive thoroughly before and during use. DO NOT THIN MATERIAL.

Fold sheet back so one-half (1/2) of the underside of the sheet is exposed.

Using a 9" (228 mm) medium 3/8" (9.5 mm) nap roller, apply adhesive onto the deck substrate first and secondly onto the sheet. 100% adhesive coverage is required for both the membrane and the substrate.

Allow the adhesive to dry completely to dry finger touch/push test. Upon drying, the adhesive goes from a pink film to a translucent gray film.

Roll/Fold the membrane into adhesive, avoiding wrinkles. Using a heavy roller or push broom apply pressure to the surface to promote 100% adhesion.

Fold back the unbonded half sheet and repeat the bonding procedure.

Vertical

For extremely porous substrates such as concrete blocks apply a light seal coat of the adhesive to the substrate and allow it to dry.

Apply adhesives to membrane and a second coat to the wall.

Flashing is recommended to be 0.045" (1.1 mm) standard membrane and a maximum 10' (3.0 m) in length for parapet walls that exceed 4' (1.22 m) in height.

Allow adhesive to dry to finger tack. Adhesive turns from pink to a translucent gray. Roll the membrane in place, than apply membrane onto wall applying pressure to assure a complete 100% bond.

The flashing should be mechanically secured to the wall per the selected termination detail, immediately after it is adhered to the wall.

Product Data

SIZE	PRODUCT #
3.5 Gallon (13.25 Liter) Pail	W59GT1009D

GenTite™ RRS
250 West 96th Street
Indianapolis, IN 46260

800-443-4272 • www.GenTite.com



Storage

Store in original unopened can, at temperatures between 60 °F (16 °C) and 80 °F (27 °C) until ready for use.

Do not allow to freeze.

For best results, rotate stock to ensure stored material will not go beyond the shelf life of one year.

Shelf life of one (1) year can be expected when stored in original sealed container at temperatures between 60 °F (16 °C) and 80 °F (27 °C) until ready for use.

Shelf Life

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

If exposed to lower temperatures, restore to room temperature prior to use.

Precautionary Data

Review Safety Data Sheet prior to use.

Use only when temperatures will not fall below freezing at any time 48 hours after mating.

Do not use for splicing.

Thinning is not permitted and will adversely affect the adhesive performance.

Avoid prolonged contact with eyes and skin.

Avoid prolonged or repeated breathing of vapor.

Do not take internally.

Cover container tightly when not in use.

Use only in well ventilated areas.

While adhesive is fluid, recommended cleaner is water.

Do not thin.

Stir thoroughly before and during use.

Typical Properties

PROPERTY	TYPICAL VALUES
Base	Synthetic Polymers
Solvent Carrier	Primarily water
Color	Pink, turns to translucent gray to indicate mating readiness
Percent Solids	57% minimum
Weight/Gallon	8.245 – 9.170 lb/gal (0.99 – 1.1 kg/L) nominal
Viscosity	18,000 ± 500 cps, RVF Brookfield #5 spindle @ 10 RPM
Specific Gravity	1.05 ± 0.05
VOC Content	17 g/L

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LEED® Information

Post Consumer Recycled Content: 0%
Post Industrial Recycled Content: 0%
Manufacturing Location: Greenville, SC

Coverage Rate

100-120 ft² per gallon (2.5-2.9 m² per liter) (nominal) both surfaces (roller application).
Note: Water Based Bonding Adhesive may be spray applied using conventional spray equipment used to apply GenTite Solvent-Based Bonding Adhesive.
Some surfaces are more uneven and porous and may result in a lower coverage rate; while smooth, less porous substrates may result in higher coverage rates.
Coverage rates are based on roller application to both mating surfaces. When sprayed and back-rolled, the rate may be slightly higher than when rolled only.
All insulation joints, gaps in substrates greater than 1/4" (6.3 mm) shall be filled with acceptable filler.

Approved Power Dispensing Equipment

Garlock 2120 Commander Sprayer
Graco Spray Tips: .025 to .035 diameter hose, 600 psi (6 MPa) operating pressure
Garlock Twin Gun Airless Sprayer
600 psi (6 MPa) operating pressure
Graco Spray Equipment:
P57LSS (220cc Stainless Steel Dura-Flo™ & Xtreme® pneumatic pump with 6500cc NXT air motor w/Data Track, 2" (51 mm) male npt to 1/2" (13 mm) female npt elbow, Xtreme-Duty high pressure hose, 3/8" (9.5 mm) x 50' (15 m), 7250 psi (50 MPa) operating pressure. XTR- 7 applicator (manual gun) with XHD tip guard with tips, sizes 417-525

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