

Product Data Sheet

GENFLEX GENSPLICE ADHESIVE



Description

GenFlex GenSplice Adhesive is a solvent based contact adhesive designed for splicing GenFlex EPDM membranes and flashings in fully adhered, mechanically attached, and ballasted systems.

Physical Properties

PROPERTY	TYPICAL VALUES
Base	Synthetic Polymers
Color	Black
Solids	26% Minimum
Solvents	Toluene, Hexane, Xylene
Viscosity	2900-3700 cps, RVF Brookfield, #3 Spindle @ 10 RPM
Weight	7.3 lb (12.5 kg/L) Nominal
Specific Gravity	.87 Nominal
Flash Point	0°F (-17.8°C)

Installation

NOTE: Ensure both mating surfaces are cleaned and no moisture is present on the EPDM splicing surfaces.

1. Position the top membrane to overlap the bottom membrane by a minimum of 3" (76 mm). With a grease pencil, mark the bottom membrane 1/2" (13 mm) from the edge of the top membrane. Fold the top membrane back 12" to 15" (305 mm to 375 mm).
2. Using a clean cotton rag saturated with GenFlex Cleaner, thoroughly clean an area on both sheets at least 4" (102 mm) wide where the adhesive will be applied. Remove all visible talc and maintain surfaces free from all moisture, oil, and other contaminants. Discard rags that become dirty and replace with new rags to assure proper cleaning. Proper cleaning has been achieved when the membrane surface is dark grey in color with no evidence of streaks or discoloration. (Note: Additional cleaning will be needed

at factory seams). Allow the cleaned membrane to dry completely.

3. Stir GenFlex GenSplice Adhesive thoroughly to achieve a uniform mix with no marbling evident before using. DO NOT THIN! Adhesive may be applied with a 3" (76 mm) or 4" (102 mm) wide by 1/2" (12.7 mm) thick solvent resistant paint brush or medium nap roller (minimum 3/8" (9.5 mm)). For brush application, DO NOT CUT brush; use a back and forth conventional painting stroke. Apply an even coat of adhesive to each membrane surface to be spliced. Avoid globs and puddles.
4. Allow adhesive to dry until slightly tacky to a dry finger touch. As you are touching the adhesive, push straight down to check for stringing, also push forward on the adhesive at an angle to ensure that the adhesive is ready throughout its thickness. If either motion exposes wet or stingy adhesive when the finger is lifted, then it is not ready for mating and the seam should not be closed. Flash off time will vary depending on ambient air conditions.
5. Once the adhesive has dried properly, roll the top membrane back on to the bottom membrane and allow it to fall freely into place without stretching. Immediately apply pressure to bring the bonding surfaces into complete contact.
6. Using a Teflon coated or hard rubber roller, hand roll the entire seam area to ensuring good contact between the membranes, first at a right angle toward the outer edge and then along the length of the splice.
7. Using a clean rag saturated with GenFlex Cleaner, thoroughly clean an area on both sheets at least 2" (51 mm) each way from the edge of the splice.
8. Apply GenFlex Edge Caulk to ensure a water tight seal. Use a "high profile" bead of caulk along the entire edge of the splice. Ensure bead covers factory seams. DO NOT SCREED!

Application Precautions

1. Ensure both mating surfaces are cleaned and no moisture is present on the splicing surfaces.
2. For brush application, DO NOT CUT brush; use a back and forth conventional painting stroke.
3. Avoid globs and puddles.

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4. Do not apply Edge Caulk immediately after making splice. Allow at least 2 hrs after splicing to apply Edge Caulk.
5. All splices shall be caulked before the day's end.

Product Data

SIZE	CONTENTS	PRODUCT #
1 gallon (3.8 Liter)	4 per Carton	W590010148

LEED Information

Recycled Content

Post Consumer 0%

Post Industrial 0%

V.O.C. Content 615g/L

Storage

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

Shelf Life

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

Precautionary Data

This product is extremely flammable. Vapors may cause flash fires. Vapors may ignite explosively under certain conditions. Keep away from fire, sparks, and sources of heat. Extinguish all flames and pilot lights. Turn off electronic motors, stoves, or heaters, or any source of ignition during use and until all vapors have been dispersed.

Do not smoke.

Close containers after use.

Use with adequate ventilation.

Avoid prolonged breathing of vapors.

Avoid prolonged and repeated contact with skin.

Store at temperature of 80°F (27°C) or below for maximum shelf life.

Keep out of reach of children.

Keep away from eyes.

Use chemically resistant gloves.

Review Material Safety Data Sheet prior to use.