

Description

Seal-it® 645 EPDM SPRAYBOND is a high-quality heat-resistant sprayable contact adhesive that has been specially developed for bonding EPDM roofing membranes to various roofs, including concrete, most insulation boards, wood, plywood and cement-bonded boards.

Applications

- Very high-quality contact adhesive for bonding both American and European EPDM on all surfaces, including EPS and polystyrene.
- Seal-It 645 is designed for bonding EPDM rubber to itself and various substrates including MDF, particle board, plywood, OSB board and other wood board materials as well as insulation board, concrete, masonry, brick and most metals.
- Due to the high solids and rubber content, this adhesive is extremely strong and safe to use on roofs of garden houses, dormers and large industrial roofs.



Properties

- For bonding large and small EPDM membranes.
- Forms a durable adhesion between EPDM and all kinds of surfaces.
- Free from dichloromethane / DCM-free
- Adjustable spray pattern
- Easy to apply using our SEAL-IT® 580 SPRAYGUN
- Temperature resistance from -30°C to 90°C
- Ready-to-use, 1-component.
- Excellent UV, weather, water, moisture and aging resistant.

Standard product line

Colour	12 x 500 ml aerosol	22 liter canister
Green	SI-645-0000-500	SI-645-0000-022

Other packaging on request.

Technical product data

Basis	SBR Rubber		
Vaste stof gehalte	%		35
Flash-off tijd (minimaal)	Min.	23°C/55%RV	1-3
Open tijd	Min.	23°C/55%RV	40
Verbruik aerosol	m ²		4
Opbrengst Drukvat	m ²		150-160
Spray type			web
Application			2-sided

Application conditions

- Application temperature (environment and substrate) between + 5°C and + 30°C.

- Attach the hose securely to the spray gun. Attach the other end of the hose to the canister. Make sure the connections are tight. Slowly open the valve completely on the canister, checking for leaks during this process. Release the trigger of the spray gun to start spraying.
- Before use, check compatibility by spraying some adhesive on the substrate. This product could be harmful some substrates.
- Shake and / or mix SEAL-IT® 645 EPDM SPRAYBOND well before use.
- Before applying SEAL-IT® 645 EPDM SPRAYBOND, apply a brush to the substrates to remove loose components.
- Bonding surfaces and other surfaces must be dry, clean, uncontaminated, grease-free, dust-free, compatible and stable.
- Spray SEAL-IT® 645 EPDM SPRAYBOND at a distance of about 10-20 cm at a 90 degree angle to the surface and apply a uniform, even layer of adhesive to obtain 80% to 100% coverage of the surface. If necessary, spray another layer of adhesive where more adhesive appears to be needed.
- Spray both substrates, one surface vertically and the other surface horizontally.
- Let SEAL-IT® 645 EPDM SPRAYBOND air for 1 to 3 minutes until no adhesive sticks to your finger.
- Bond surfaces together and compress with sufficient pressure. A roller is recommended to apply even pressure to achieve maximum strength. Allow the adhesive to fully cure for 24 hours.
- If the nozzle clogs, unscrew the nozzle from the gun and clean it with a solvent such as thinner or acetone. Do not use a pin on the nozzle opening.



Changing canister and storage

Close the valve on the canister to the off position, spray the remaining adhesive from the hose, disconnect the hose and spray gun from the canister. Reconnect the spray hose to a canister with SEAL-IT® 670 TOOL CLEANER and spray until the liquid is clear, indicating that the hose and gun are clean. If you choose to leave the hose and spray gun on the canister, leave the valve on the canister open. Do not disconnect the hose / gun from the pressure vessel. Then close and lock the spray gun.

Shelf life

In unopened original packaging, stored in a cool dry place between +5°C and +25°C, the product will last up to 12 months after the production date.

Limitations & recommendations

Before use, always test SEAL-IT® 645 EPDM SPRAYBOND on the substrate for adhesion and compatibility.

Health & safety

Avoid extensive contact with skin. If uncured material gets in your eyes, rinse out thoroughly with plenty of water and consult a physician. Store SEAL-IT® 645 EPDM SPRAYBOND in a closed container in a safe place outside of the reach of children. Do not smoke or use the product in the vicinity of an open flame. Use under good ventilation conditions/in well ventilated spaces. Do not smoke or use the product in the vicinity of an open flame. Wear gloves, safety goggles and suitable work attire. The product safety data sheet is available on request.

Warranty & liability

Connect Products BV guarantees that its product will meet the specifications during its shelf life. Liability shall never exceed that stipulated in our terms and conditions of sale and supply. Under no circumstances shall the seller be held liable for any consequential damages. The information provided is the result of our testing and experience and is general in nature. However, it does not entail any liability. Users are responsible for performing their own tests to determine whether the product is suitable for the application.

