

Product Data Sheet

VERNIS SA Primer

Fast-drying canister primer ideal for use with flame free, self adhesive reinforced bitumen waterproofing systems.

Vernis SA primer (supplied in 14.4kg canisters) provides improved simple and effective adhesion on self adhesive reinforced bitumen membrane waterproofing systems and due to its rapid drying time helps to minimise the risk of torched-on applications.

Key benefits

- Application time 5x faster than a traditional roller-applied primer.
- Accelerated drying time - 5-10 minutes (at 5°C).
- Can be applied at temperatures as low as 5°C.
- Reduces requirement for hot works with self adhesive systems.
- Coverage rate up to 250m² / canister.
- Reusable hoses / spray guns, minimising equipment costs.
- Reduces back pain.



Packaging

Vernis SA Primer is supplied in a 20.5kg (14.4kg net) canister. Other components required and supplied separately include:

- Applicator (gun and 3m hose).
- Spray tip.
- Cleaning aerosol.
- Canister flushing system.

See set-up and installation information below. Safety information is given in the separate Safety Data Sheet (SDS) available from Axter Ltd.

Application method

- Substrates suitable for: Concrete, Timber, Metal Decks, Tissue & Foil PIR, EPS, XPS, RBM & BUR, Asphalt.
- Membranes suitable for: SA AVCL & Membranes, Torch on RBM & BUR.

*Adhesion tests should be carried out prior to use. Applications only for substrates and membranes listed. All other substrates and membranes should be tested prior to use. Please contact our Technical Team to discuss further.

Coverage rate

Each canister will cover up to 250m². Coverage rates will reduce on uneven surfaces.

Technical data

Base	Synthetic rubber	Drying time (20°C)	5 minutes
Appearance	Black	Cleaner	Cleaning aerosol
Application temperature	5 – 30°C	Health and Safety	See SDS available from Axter Ltd
Shelf life	12 months		

Vernis SA canister – set-up guide

It is important to set up the Vernis SA primer (the spray system) correctly before use to ensure the best possible performance and to avoid leakage or system failure. Ensure correct PPE is worn, including gloves and safety glasses, before attempting the procedures.

1. Remove the black cap from the canister valve (image 1).
2. Remove the red caps from both ends of the braided hose. Attach the braided-hose to the canister valve (using the small nut). Tighten with a spanner (image 2).
3. Attach the other end of the braided-hose to the spray-gun (using the large nut). Tighten with a spanner (image 3).
4. Using the locking-nut provided, attach the spray-tip to the end of the spray-gun. Carefully tighten the spray-tip using a spanner (image 4).
5. Fully open the valve on the canister (image 5).
6. Pull the trigger on the gun-applicator to apply the adhesive.
7. Adjust the bead width by turning the black valve on the gun-applicator anti-clockwise (image 6). Spray onto a test area prior to application.



Image 1
Remove black cap.



Image 2
Attach hose.



Image 3
Attach hose to gun.

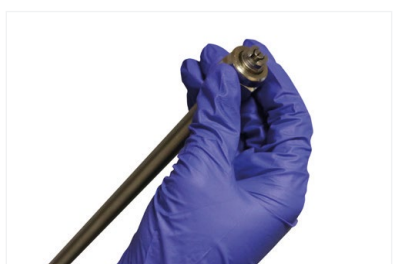


Image 4
Attached spray-tip to gun.



Image 5
Fully open canister valve.



Image 6
Adjust bead width on gun.

Storage and handling

The product should be stored unopened in a dry condition at a temperature of 5 – 25°C. This will ensure the stated shelf-life. The adhesive will have a limited life once the container is opened.

Temperature and timings

All information relating to temperatures and timings represent normal working conditions and is provided as a guideline only. However please contact Axter Ltd for advice if you wish to operate outside of these parameters.

Vernis SA Primer – guidelines for use

Preparation

Ensure the insulation board or other roof substrate is dry and clean from grease, dirt and other contaminants before applying the adhesive.

- Set up the canister as described in Set-up Guide above.
- Mark out the area to be bonded, ensure the fleece-backed membrane is cut to size and in position.
- Protect the edge/seam to be welded to prevent it becoming contaminated with adhesive.
- Remove any overspray from the surface of the membrane with a dry cloth or Axter Membrane Cleaner.
- Ensure the canister spray system is spraying correctly and the spray pattern is 300mm wide. Axter Ltd recommends using a test surface prior to application.
- Secure the Spray Adhesive canister in a suitable position and apply to the insulation board.
- Apply a minimum of two coats of adhesive to the insulation board, ensuring each two metre pass takes a minimum of 10 seconds.
- Walk backwards ensuring an even coat of adhesive is applied.
- Allow the solvents to evaporate from the adhesive layer for a minimum of five minutes at 20°C (this time will vary depending on climatic conditions).

- Roll the fleece-backed membrane into the adhesive layer.
- Consolidate the bond using a 20kg water-filled.
- Apply the self adhered membrane to the coated roof deck in compliance with the manufacturer's recommendations.

Vernis SA canister - maintenance guide

For best results, the spray-gun and spray-tip should be cleaned periodically using the Cleaning Aerosol in order to avoid any build up of adhesive.

1. Once work has been completed, ensure the valve on the canister remains open. Failure to do this may cause the product to block the hose.
2. Turn the gun-applicator off by turning the black valve clockwise until it is fully closed (image 7).
3. Remove the locking nut and tip, and clean thoroughly with the Cleaning Aerosol and a nylon brush (images 8 & 9).
4. Place the tip and locking nut in a small tin of cleaning solvent. Ensure the container is closed and airtight (image 10).
5. Wipe the end of the gun with solvent to clean (image 11).
6. Purge approximately 250ml of product through the system every 2 weeks if the product is not used.
7. Once the canister in use is empty, the hose can be transferred to a new canister.



Image 7
Turn gun applicator off.



Image 8
Clean with Cleaning Aerosol.



Image 9
Clean with a nylon brush.



Image 10
Place nut and tip in cleaning solvent.



Image 11
Clean end of the gun.

Emptying, depressuring and disposing of your canister safely

When depressurised and empty, canisters can be disposed of as scrap metal, in accordance with the European Waste Directive. Please see instructions below on how to empty, depressurise and dispose of your canister safely.

How to safely empty and depressurise your canister:

1. Transfer the hose and gun onto a new canister (if you are not using a new canister flush the hose and gun using the flushing system and aerosol). Refer to the Set-Up and Maintenance guides above.
2. Open the valve on the new canister and purge the adhesive/primer through the hose and gun (image 12).
3. Open the valve at the top of the used canister and empty any remaining adhesive/primer and propellant into a suitable container.
4. Ensure the valve remains open. Leave for at least 1 hour.
5. Locate the bursting disk at the top of the empty canister (image 13).
6. Use a non-ferrous rod and mallet to strike the bursting disk at its perimeter (see image 14).
7. Remove the disk, which will reveal an aperture. This will ensure that the canister remains depressurised (image 15).
8. Leave for 24 hours to allow any residue adhesive/primer to dry and/or cure.



Image 12
Open valve.

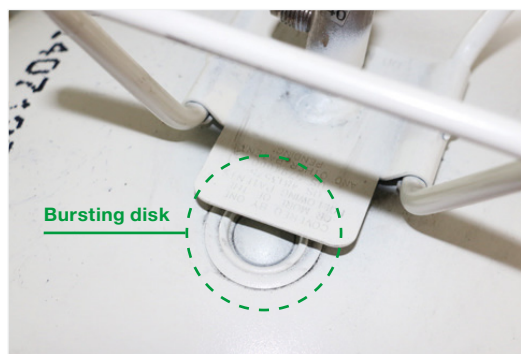


Image 13
Bursting disk.



Image 14
Pierce disk.



Image 15
Aperture.

The following information contains the codes you will need to provide to the national or local waste company when disposing of empty depressurised canisters and canisters containing adhesive/primer and compressed gas.

Disposing of your canister safely and in accordance with national regulations

After the instructions for emptying and depressurising your canister have been followed, the canister will be empty of any hazardous materials and depressurised.

Therefore, it can be considered as scrap metal in accordance with the national or local waste company, under code **EWC 150104** (empty aerosol, no hazardous residues).

Canisters that are still pressurised and contain adhesive/primer should be disposed of in accordance with the national or local waste company under code **EWC 160504** (full or partially empty aerosol).

The hazard labels and Safety Data Sheet (SDS) for this product must also be read prior to use. Please contact Axter Ltd for further information.

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*Please note: Above information is provided as a guideline. Coverage rate stated is approximate, the porosity and type of supports/materials/surface atmospheric conditions will affect coverage rates and potentially fall outside of the guideline given within the Technical Data Sheet (TDS).

It is necessary for a test to be conducted prior to application to establish accurate coverage rates, cure times and other factors on a project specific bases to ensure suitability for the wide variety of requirements and condition on site.

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