

Quick-Prime – 7500

Technical Data Sheet



Product Description

Quick-Prime is designed to improve adhesion of Garland self-adhered vapour control layers (VCL's) to roof decks. It can also be used as a primer for Garland torch-on membranes and VCL's. Application is via a spray canister system which improves the speed of usage and is fast drying whilst still producing excellent adhesion to the membranes and substrate. Quick-Prime is a solvent based synthetic rubber bonding agent that offers roofing contractors many benefits.

Features:

- ✓ Excellent adhesion results
- ✓ Fast-drying
- ✓ Quick application
- ✓ No 'puddling' on the roof deck
- ✓ Minimises project costs/improves revenues
- ✓ Economical coverage rates
- ✓ Reusable hoses/spray-guns
- ✓ Minimises back pain and fatigue

Usage

Priming roof decks prior to self-adhesive and torch-on membranes. Compatible substrates are: wood, concrete and existing membranes (torch-on only).

Usage Guidelines:

Canister Set-Up Guide:

NB: It is important to set-up your Quick-Prime Canister (the spray-system) correctly before use to ensure the best possible performance and to avoid leakage or system failure.

1. Remove the black cap from the canister valve.
2. Attach the braided-hose to the canister valve (using the small nut). Tighten with a spanner.
3. Attach the other end of the braided-hose to the spray-gun (using the large nut). Tighten with a spanner.
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.
5. Fully open the valve on the canister.
6. Pull the trigger on the spray-gun to apply the primer.
7. Adjust the spray pattern by turning the black valve on the spray-gun anti-clockwise until you have a spray pattern approximately 300mm in width.

Canister Maintenance Guide:

Maintaining your Quick-Prime Canister (the spray-system).

1. Once work has been completed, ensure the valve on the canister is turned off. This can be done by turning the white valve clockwise until it is fully closed.
2. Turn the spray-gun off by turning the black valve clockwise until it is fully closed.
3. Unscrew the spray-tip and locking nut from the spray-gun.
4. Clean the spray-tip and the end of the spray-gun with Solvent 9 using a soft nylon brush to ensure that the aperture is clear. This is essential. Failure to clean the spray-tip and the end of the spray-gun may result in damage to the aperture and prevent the system from working.
5. Place the spray-tip and locking-nut in a container with a small amount of Solvent 9 until it is needed again. Ensure the container is closed and airtight.
6. The canister and gun will remain usable for three months after opening. If you do not intend to use the system within this time, flush it with the Canister Flushing System.



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Canister Flushing System:

Garland supplies the easy-to-use Canister Flushing System, which ensures the canister gun and hose remain free from blockages. It consists of: the Garland Cleaning Aerosol and the canister assembly.

1. Ensure the valve on the canister is completely turned off before attaching the assembly. Unscrew the hose from the canister valve.
2. Attach the assembly to the valve. Ensure the assembly remains upright whilst you tighten the nut on it.
3. Attach the hose to the assembly. Ensure the assembly remains upright whilst you tighten the hose.
4. Check the tap on the assembly is off before applying the Garland Cleaning Aerosol.
5. Screw the Garland Cleaning Aerosol into the adaptor. Turn the tap on the assembly to the 'on' position to release the Garland Cleaning Aerosol into the hose.
6. Aiming the gun into a waste container, apply pressure to the trigger on the gun to push the Garland Cleaning Aerosol through the hose and gun until the adhesive starts to dispense. Keep pressure on the trigger until the hose and gun are thoroughly cleaned.

Application:

Preparation:

1. Ensure substrates are dry and clean from grease, dirt and other contaminants before applying the primer.
2. Set-up the canister as described in the Set-up & Maintenance Guides.

Guidelines for Use:

1. Ensure the canister spray-system is spraying correctly and the spray-pattern is 300mm wide.
2. Apply 1-2 coats of the primer to the roof deck ensuring an even distribution of primer is achieved.
3. Allow the solvents to evaporate from the primer layer for a minimum of 1-2 minutes at 20 °C NB: this time will vary depending on temperature.
4. Apply the self adhered VCL to the coated roof deck and consolidate with a heavy roller. Or apply the torch-on membrane using a propane gas lit torch.

Technical Data	Quick-Prime
Base	Synthetic Rubber/Resin
Appearance	Black Liquid
Temperature resistance	-30 to +90°C
Coverage rate	150m ² for self-adhesive 250m ² for torch-on
Drying time	10 minutes
Tack time	Up to 4 hours
Application Temperature	5 to 30°C



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Emptying and Disposing of Your Canister Safely:

Guidelines on how to empty and dispose of your Quick- Primer Canister.

1. The Quick-Prime Canister contains compressed gas. It should be emptied by carefully opening the valve, which will release any excess primer and/or pressure. Allow any excess primer and/or pressure to fully escape into a suitable container.
2. Leave the valve open.
3. Once the canister is empty, the circular disk can be pierced using a non-ferrous bar/ rod. Allow any remaining primer to cure. The empty depressurised canister should be disposed/ recycled in accordance to site regulations.
4. Information on storing canisters can be found on the following websites: www.bama.co.uk/transport-storage/ and www.hse.gov.uk/pubns/priced/hsg71.pdf.

Packaging

Quick-Prime Canister is supplied as the Quick-Prime Canister Spray-System (450mm x 330mm) in a cardboard carry box. Other components required and supplied separately include: applicator (gun and 3m hose), spray-tip, Solvent and Garland Canister Flushing System.

20.5 kg (gross)

14.4 kg (nett)

Coverage

Each canister will cover up to 150 m² of roof deck for self-adhesive systems and 250 m² for torch-on systems. Coverage rates will reduce on porous and uneven substrates.

Storage

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 primer will have a limited life once the container is opened.

Health and Safety Precautions

Please refer to the Safety Data Sheets for the products used.

Under REACH regulation, all users of polyurethane products made by reacting diisocyanate are required to complete relevant training in relation to safe use. As of 24th August 2023, training is required for all professional users of PU products (with a total monomeric diisocyanate concentration of > 0.1%) within the EU and UK.

As a manufacturer, we have a responsibility to notify you of the training requirements. It is down to the users and their employees to complete the training and keep records.

To participate in the free training programme, go to the platform and use the code FEICA_21_G

Access to the training platform: <https://safeusediisocyanates.eu/>

If you require any further information please contact your local Garland Technical Manager.



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