

Installation Instructions

GUTTA-LINER works by lining existing gutters. It doesn't matter if the existing gutter has rusty holes in it or is uneven, the liner simply rolls out and is glued to the gutter.

Because it's a polymer (HDPE) the same material used to reline ponds, pools and dams, it is inert and expands and contracts with the gutter. Installed as a one-piece liner, there are no joins! Another benefit is that during the installation process you tuck excess GUTTA-LINER up under the roof overhang during installation, which increases the flood height of existing gutters. You then simply put roof screws back in to secure side walls of the liner and you're done.

Please read all instructions prior to installing GUTTA-LINER.

More detailed installation instructions can be located at www.guttsa.com.au



Tools and equipment

You will need a few shed tools and easy-to-access hardware items to install your DIY GUTTA-LINER including:

- Construction adhesive
- Caulking gun to apply the adhesive (the liner is glued to the existing gutter)
- UV-stable black silicone to seal the exposed ends of the liner
- Small spatula to apply silicone
- 25mm hoop iron – maximum of 1 m of hoop iron per length of gutter – one each end to terminate the liner, plus extra to do the downpipe
- 16mm Tek screws – approximately 30 per length of gutter lined to secure the hoop iron
- Battery drill to fix the Tek screws.

Preparation

For most properties you will require a ladder to access your roof. It is important to us that you use your ladder safely. Please ensure you tie your ladder at the top and bottom before accessing your roof.

NOTE: Your gutters must be **completely free of loose surface material**, including dirt, leaves, moss, mould and flaky rust, and be **completely dry** for the liner adhesive to stick.

1. Insert drain guards.

Insert drain guards into all storm water exits to stop solid waste material blocking downpipes.

2. Clean gutters.

Remove ALL debris from gutters and overhangs. You can use a high-pressure cleaner to wash gutters thoroughly – the cleaner the better!

3. Dry the gutters.

Dry-mop the gutters, then use clean rags to remove any remaining moisture.

4. Blow drying.

Use a leaf blower to ensure the gutters have absolutely no remaining moisture or debris.

5. For iron roof.

Remove one line of roof screws which will allow you to tuck liner under roof overhang.

6. Remove gutter straps.

Remove gutter straps before installing liner. These will be replaced once GUTTER-LINER is installed.

Adhesive

7. Preparation.

You will need to apply adhesive approximately 3 metres in advance of laying your GUTTA-LINER. Apply adhesive to base of gutters only (not side walls).

Prepare adhesive and silicone tubes as per manufacturer's instructions.

Using secateurs, cut nibs off tubes and pierce foil with nozzle. Cut each nozzle 20mm from the pointy end at a 45° angle.

8. Apply adhesive.



Apply a continuous bead of adhesive along the gutter in a 'castle' pattern (100–150mm apart).

Avoid downpipes and overflows by 200mm.

Installing

9. Unroll GUTTA-LINER.

Unroll GUTTA-LINER starting at one end of the gutter with adhesive applied as per above instructions.

10. Lay liner.



Lay liner onto adhesive within gutter and smooth out flat. Push liner up under the exposed outer, turn back lip of gutter so no water will get behind liner.

11. Smooth out wrinkles.

Running a cloth or rag along gutter, mould the liner into the profile of the gutter which will also remove any wrinkles. You should be able to feel the bead of adhesive through the GUTTA-LINER. Maintain the GUTTA-LINER print along the centre of the gutter to ensure correct installation. Install 2–3 metres at a time. This will allow glue to set.

12. The End of the Gutter.

Allow 200mm of extra liner past the corner to ensure you have enough liner. Excess can be trimmed at a 45-degree angle when it comes time to secure the corner edges.

13. Tucking and Fastening.

Tuck a minimum of 50mm under the roof sheeting or tiles. Re-install gutter straps and refasten roof sheets with screw to secure side wall of liner. This will have the added benefit of raising the flood level of your gutters, protecting your fascia boards from long term damage.



Downpipes

14. Preparing the downpipe.

Downpipes must be thoroughly clean before you apply black silicone to around the lip of downpipe.

15. Silicone around downpipe.

Starting 25mm from the edge, apply a 30mm bead of black silicon around the downpipe. Using a spatula, spread the silicone around the downpipe and over the edge.



16. Install GUTTA-LINER.

Install GUTTA-LINER directly over down pipe as per previous method, ensuring you smooth out any wrinkles.

17. Install hoop iron.



Screw down perforated hoop iron around downpipe edge. Don't overtighten the screws. You will need 200mm of hoop iron for a 200mm round down pipe. For square downpipes, cut to measure each side and overlap at corners.

18. Cut out downpipe.



Find the middle of the downpipe. Cutting from the middle to the edge first, cut out the GUTTA-LINER so the whole downpipe is open ensuring there is no restriction to the outlet.

19. Smear bead of black silicone.

Smear a bead of black silicone over the hoop iron and screw heads to prevent rusting.

Silicone corners and fixing with Hoop Iron

NOTE: these corners are the only fiddly part of installation. Take extra time and care to ensure corner ends are sealed with black silicone.

20. Cut liner.



Cut Liner on angle to fit existing gutter corner line.

21. Silicone corners.



Apply adhesive in castle pattern to within 200mm of corner and apply black silicone to the join in the gutter as shown.

Lay liner onto adhesive and black silicone and smooth out wrinkles.

22. Install hoop iron.

Bend hoop iron to suit profile of gutter and trim to fit outer edge with no overhang. Apply hoop iron over GUTTA-LINER.

23. Secure hoop iron.



Place one end of hoop iron under outer lip of gutter to secure. Mould to fit existing profile and secure with screw on upper side wall under roof overhang. Installing hoop iron to corners will hold GUTTA-LINER down flat onto black silicone ensuring it is water tight.

24. Reinstall gutter straps.

Protective Cover (optional).

NOTE: If your gutter experiences full sun exposure (is not shaded during daylight hours at ALL) to ensure warranty isn't voided, we recommend installing a shade-cloth protective cover. Available through your local hardware store.