

# Roof Application Guide



## Health and Safety

Both VersEseal Rapid Build and VersEseal Top Coat are water based however, gloves, eye protection and overalls are recommended. Please read the full Safety Data Sheet available at [www.verseseal.com.au](http://www.verseseal.com.au) before use.

If the roof is used for water collection, allow 7 days curing and discard the first two rains or rinses after application.

**WARNING** – If you suspect your roof may contain asbestos, DO NOT PRESSURE WASH. Please contact your relevant state authority for advice.

## Important Application Information

- Applying VersEseal at a rate of 1kg/sqm will result in a wet film thickness of 1mm, which will dry down to a final thickness of 0.6mm. Both VersEseal Rapid Build and VersEseal Top Coat should be applied at a minimum total wet coating of 1kg/m<sup>2</sup> each. Ensure this correct coating thickness is achieved to provide longevity. A thicker final coating should be applied to repair areas as described below.
- DO NOT use any solvent based sealants prior to applying VersEseal. Some sealants will affect full curing and adhesion of the VersEseal membrane. For large gaps use VersEseal Rubber Caulk.
- Do not use this water based VOC Free coating system if rain or heavy dew are expected before fully dried. Apply at temperatures between 10°C and 30°C. Avoid applying during the hottest part of the day. During cold, damp or humid conditions a longer drying time will be required. A rainy day is a non drying day. If applying in high temperatures or direct sunshine, use thin coats and extra layers to avoid bubbling of the membrane prior to it curing. Please give us a call if you are unsure or would like guidance on this.
- For Cleaning up, use mineral turpentine to clean VersEseal Rapid Build from hard surfaces, use Baby Oil (Mineral oil) to clean from skin. VersEseal Top Coat can be cleaned with water.
- For asbestos roofs, VersEseal Porous Primer should be used prior to applying VersEseal Rapid Build.
- **If you have any questions at any stage of your project, please don't hesitate to give us a call for tips and advice! Ph: 1300 891 576**

## Prepare

1. Remove any old, failed sealant with a scraper, if possible. If it can't be removed, treat the area like a gap and reinforce with geofabric as below. Do not use any other sealants prior to applying VersEseal Rapid Build. For large gaps VersEseal Rubber Caulk can be used. Some sealants will affect full curing of the VersEseal membrane.
2. Wash down to remove all dirt, a pressure washer is ideal for this (1000 to 3000psi), and allow to dry.

## Prepare Cont.

3. Treat any areas of rust with a water-based rust converter according to manufacturer's instructions. Wash again to remove any excess residue.
4. Lightly abrade the surface to maximise adhesion, use a medium 60 grit sandpaper. Wipe with damp cloth to remove sanding dust.
5. Use masking tape to give a clean edge to areas which are not to be coated. PRO TIP: Remove masking tape while the coating is still wet and re-mask for each coat.
6. If gaps over 1.5mm are needed to be bridged use Geofabric and Rapid Build or VersEseal Rubber Caulk to bridge the gap.
7. Prepare Geofabric to reinforce along joins, and over penetrations. It is much easier to pre-cut geofabric to size before starting to coat the membrane.

## Repair (Joints, Penetrations, Damaged areas)

8. Brush the first coat of VersEseal Rapid Build liquid rubber over areas that need repair or additional reinforcement. Aim for a good thick 1mm wet film thickness coating. Remember, you're waterproofing, not painting - thick is good!
9. Lay geofabric bandage into the wet coating over joints and around penetrations. Ensure it is smooth with no creases or air pockets. You may need to cut a nick to allow the bandage to neatly conform to any corners or bends. If the fabric overlaps, paint some VersEseal Rapid Build liquid rubber between the layers to glue it together.
10. Immediately brush a second coat of VersEseal Rapid Build liquid rubber aiming again for another good thick coating to give a wet on wet sandwich with a total wet coating thickness of 2mm.
11. Allow the repaired area to dry. This will typically take about 24 hours at 25°C with good ventilation.

## Seal

12. The final sealing step will depend on the condition of your roof.
  - **ENTIRE ROOF** - Apply two or more generous coats of VersEseal Rapid Build liquid rubber over the entire roof to achieve a final Dry Film Thickness (DFT) of 0.6mm over the main roof area and 1.8mm over joints and repaired areas. Apply the first coat North-South and the second coat East-West. Allow to dry for at least 24hrs between coats of VersEseal Rapid Build Membrane. After final coat of VersEseal Rapid Build Membrane, allow to dry for 96hrs before applying VersEseal Top Coat - assuming good drying conditions of 25°C and good ventilation.
  - **REPAIR ONLY** - If your roof is sound apart from the areas that have been repaired: Apply a third good thick coat of VersEseal Rapid Build liquid rubber over the repaired areas, to achieve a final Dry Film Thickness (DFT) of 1.8mm and allow to dry, allow to dry for 96hrs before applying VersEseal Top Coat - assuming good drying conditions of 25°C and good ventilation.
13. Allow the VersEseal Rapid Build membrane to dry for a minimum of 96hrs in good drying conditions (25°C with good ventilation / breeze). If conditions are not optimal a longer drying time will be required - actual times will vary depending on season and location. If you are unsure or would like further guidance on this please give us a call.

- 14.** Using a clean brush or roller, apply the first coat of VersEseal Top Coat over the Rapid Build Waterproofing. This may show some bleed through from the black colour underneath. Allow to dry, typically this will take 4 hours at 25°C with good ventilation.
- 15.** Apply the second coat of VersEseal Top Coat and allow to dry. A third coat may be required depending on application technique to achieve full coverage.
- 16.** The final product should have a DFT of 0.5mm of Top Coat on top of the VersEseal Rapid Build.
- 17.** Allow VersEseal Top Coat to dry for 24 hours in good drying conditions (25C with good ventilation / breeze as described above)