

Tank Application Guide



Health and Safety

VersEseal Rapid Build is water based however, gloves, eye protection and overalls are recommended. Please read the full Safety Data Sheet available at www.verseseal.com.au before use.

For potable water applications, allow 7 days curing and discard the first two rinses after application.

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. VersEseal Rapid Build should be applied at a minimum total wet coating of 1kg/m² for steel tanks. For concrete tanks VersEseal Rapid Build should be applied at a minimum total wet coating of 2kg/m². 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 even if your tank is covered. 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.
- **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.
2. Wash down to remove all dirt, dust and grime. A 1000-3000psi pressure washer is ideal for this. Allow to dry. The surface must have less than 10% moisture before proceeding.
3. Prepare Geofabric to reinforce along joins, around penetrations and over old sealant. It is much easier to pre-cut geofabric to size before starting to coat the membrane.

Repair (Joints, Penetrations, Damaged areas)

4. Brush the first coat of VersEseal Rapid Build liquid rubber over areas that need repair or additional reinforcement. Aim for a good thick coating of at least 1mm wet film thickness. Remember, you're waterproofing, not painting - thick is good!
5. 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.
6. Immediately brush a second coat of VersEseal Rapid Build liquid rubber aiming again for another good thick coating of at least 1mm wet film thickness to give a wet on wet sandwich with a total wet coating thickness of 2mm.
7. Allow the repaired area to dry. This will typically take about 24 hours at 25°C with good ventilation.

Seal

8. The final sealing step will depend on the condition of your tank.
 - **ENTIRE TANK** - Apply two or more generous coats of VersEseal Rapid Build liquid rubber over the entire tank to achieve a minimum final Dry Film Thickness (DFT) of 0.6mm over the main tank area and 1.8mm over joints and repaired areas for steel tanks. Concrete tanks should be coated to achieve 1.2mm over the main tank area and 2.4mm 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 7 days - assuming good drying conditions of 25°C and good ventilation.
 - **REPAIR ONLY** - If your tank 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 minimum final Dry Film Thickness (DFT) of 1.8mm (2.4mm for concrete tanks) and allow to dry, allow to dry for 7 days - assuming good drying conditions of 25°C and good ventilation.
9. 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.