

Crystal Clear SXL Over Tile Shower Waterproofing Application Guide



Health and Safety

VersEseal Crystal Clear SXL Part A Over Tile Coating, VersEseal Tile Adhesive, and VersEseal Tile Grout are water-based products. While they are generally low risk, we recommend wearing gloves, eye protection, and protective clothing during use.

VersEseal Crystal Clear SXL Parts B and C may cause allergic skin reactions and serious eye damage. Always wear chemical-resistant gloves, safety goggles, and suitable protective clothing when handling these components.

Mixing should be carried out in a well-ventilated area. Please read the full Safety Data Sheet available at www.verseseal.com.au before use.

Important Application Information

- VersEseal Crystal Clear SXL must be applied at a total coating weight of 0.5kg/m², typically achieved over three coats for shower applications. This results in a final dry film thickness of approximately 0.25mm. Achieving this total thickness is important for long-term waterproofing performance and durability.
- Before coating, the shower should be thoroughly cleaned and towel dried. Any remaining moisture in the tiles, grout, or substrate may affect adhesion and curing.
- The substrate must be completely dry before application. If necessary, use a dehumidifier, fan, heater, and good ventilation to assist drying.
- As VersEseal Crystal Clear SXL is a clear coating, any dirt or staining left on the surface will remain visible once coated. Please ensure all dirt and staining is removed prior to coating.
- If whitening of the VersEseal Crystal Clear SXL occurs during application, stop immediately and allow the coating to dry until it clears. Persistent whitening indicates that the substrate still contains moisture and must be allowed additional drying time before continuing.
- Surface temperatures should be between 10°C and 30°C during application. In cool or humid conditions drying times will be extended. Drying can be improved with air movement and gentle warmth.
- Clean all tools and equipment with water immediately after use.
- **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**

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Check Tile Condition

Inspect the tiled surface to ensure all tiles are well adhered to the substrate. Check for any tiles that are loose, lifting, cracked, or drummy when tapped.

Any loose or damaged tiles must be repaired before applying VersEseal Crystal Clear SXL. Where issues are identified, refer to the VersEseal Tile Adhesive Application Guide for instructions on correctly removing, preparing, and re-fixing tiles.

The substrate beneath the tiles must be dry, sound, stable, and free from movement before proceeding with the coating system.

Check Grout Condition

Inspect all grout joints within the shower. Grout should be firm, intact, and free from cracking, gaps, or missing sections.

Any loose, damaged, or missing grout must be repaired before coating.

Refer to the VersEseal Flexible Grout Application Guide for the correct procedure to remove and replace grout where required.

Hairline cracks in otherwise sound grout can be sealed over directly with VersEseal Crystal Clear SXL during the coating process.

Surface Preparation

Thorough preparation is critical for good adhesion.

Clean the shower tiles carefully to remove soap scum, body oils, mould, mildew, cleaning product residue, and any other contaminants that may prevent the coating from bonding properly.

A bathroom cleaner or degreasing cleaner can be used where required. If mould or mildew is present it should be treated with a suitable mould remover and thoroughly rinsed.

If using a strong cleaning solution or acid wash, first wet the tiles and grout with clean water to reduce the risk of etching. Wear chemical-resistant gloves and eye protection, and apply the cleaner carefully to avoid splashing. Allow the cleaner to work as per the manufacturer's instructions, then rinse thoroughly with clean water. Repeat if required.

Do not apply acid-based cleaners to dry grout and never allow them to sit on the surface for more than a few minutes. Do not leave acid-based cleaners unattended on the tiles or grout. A small test patch in a non-critical area is strongly recommended before proceeding with full area treatment.

After cleaning, rinse the area thoroughly with clean water and towel dry the tiles and grout. Once the surface is clean and dry, remove any existing silicone from internal corners and floor-to-wall joints using a scraper or suitable tool. Silicone must be removed from any area that will be coated. Ensure all residues are completely removed from the surface before proceeding.

Allow the area to dry completely before continuing. Using a fan, heater, and good ventilation can help remove moisture trapped within the grout or substrate.

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Mixing the SXL Coating System

Always wear chemical-resistant gloves, safety goggles, a P2 mask, and protective clothing when handling these products. Parts B and C are classified as irritants and may cause skin or eye irritation.

Mixing should be carried out outdoors or in a well-ventilated area.

Parts B and C and the grip additive are pre-measured to match the quantity of Part A supplied and must be added to achieve the correct coating performance.

Slowly add the entire contents of Part B (adhesion promoter) into Part A and allow the bottle to drain completely.

Next, add the full contents of Part C (hardener) and again allow the bottle to drain fully.

Mix the combined contents using a paint mixer attached to a drill for approximately five minutes, mixing at a low to moderate speed to avoid introducing air bubbles.

Allow the mixture to rest for five minutes to allow trapped air to rise before application. Do not thin the mixture or add any other products.

Once Parts A, B and C are combined, the product has a usable working time of up to 12 hours, depending on temperature and humidity.

Coating Application

Before starting, remove any loose fibres from the roller by wrapping it in tape and pulling the tape off. This helps prevent loose fibres from getting into the coating.

Start by using a brush to apply VersEseal Crystal Clear SXL into all internal corners, continuing the coating a minimum of 50 mm up the wall to help seal the floor-to-wall junction. For a cleaner line, apply masking tape before coating and remove it while the coating is still wet. For a seamless finish, the coating can also be applied up over the first wall tile.

Pro Tip: Apply two lines of masking tape and remove only the lower tape while the coating is still wet. This helps mark where to reapply the tape for subsequent coats. As the coating is very clear, it may otherwise be difficult to see exactly where to mask for the next coat.

Then apply the coating along the grout lines and into any cracks, using the roller provided (or a foam brush if applying a gloss finish on the walls) to spread the coating evenly across the tile surface.

Work from one side of the area to the other and maintain a wet edge as you go. Avoid leaving drips or pooled product on the tiles, as this may cause an uneven finish.

Keep the roller wet with product while working so it does not dry out or drag across the surface.

Allow each coat to dry until it is touch dry before applying the next coat. Under good drying conditions (around 25°C, 50% humidity and good airflow) this is usually about one hour.

Take care not to damage or contaminate the coating between layers. Ensure the surface stays clean and free from dust before applying the next layer.

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Coating Application Cont.

Add the grip additive into the mixture to be applied in the second and subsequent coats, and mix it thoroughly into the blended coating. Continue to gently stir the mixture during use to help prevent the grip additive from settling. (If coating vertical surfaces the grip additive is not required)

Pour the product into a paint tray or directly onto the surface and spread it evenly with the roller or brush to maintain a consistent finish.

For gloss finishes, apply all coats using a brush for a smooth, even appearance.

For satin or matt finishes, use the 4 mm microfibre roller. This will create a low-sheen, lightly textured finish with improved slip resistance.

Use all of the product supplied to ensure the correct coating thickness is achieved. This is typically applied over three coats.

Apply each coat evenly, paying particular attention to grout lines, corners, and any previously cracked tiles.

Avoid applying the coating too thickly and do not allow the product to pool on the surface. Allow at least one hour drying time between coats under good drying conditions (around 25°C and 50% humidity).

When finished, the total product applied across all coats should equal 0.5 kg/m² to ensure the waterproof membrane performs correctly and provides long-term durability.

Sealing Corners

Once the surface is dry, apply a Neutral Cure Silicone only in your preferred colour to all internal corners and floor-to-wall joints. Follow the silicone manufacturer's instructions and allow it to cure before using.

Neutral Cure Silicone is not supplied with this system.

Aftercare

Allow the coating to cure for at least 24 hours before exposing the surface to water.

Avoid cleaning the surface or using any chemicals for at least 7 days after application. This allows the coating to fully cure and reach its final strength.

For regular maintenance, clean the surface using a soft cloth with diluted, non-abrasive cleaning products. Do not use harsh chemicals or abrasive cleaners or scouring pads as these may damage the coating.