

Method Statement: Installation of Vinyl Sheetting Under & Around Toilets and Plumbing Fixtures

1. Scope

This method statement covers the procedure for installing Polyflor resilient vinyl sheet flooring around toilets, urinals, and plumbing fixtures, ensuring a watertight, hygienic, and durable finish using Polysales approved adhesives, sealants, and extrusions as supplied by Polysales.

2. Products Referenced

- **Vinyl Sheetting:**
Polyflor Homogeneous Vinyl Sheet as specified.
 - **Adhesive:**
Polysales approved vinyl adhesive as appropriate to site conditions.
 - **Extrusions & Trims (Polysales):**
 - *Cove former* for coved skirting.
 - *Capping strip* at wall junctions.
 - *TC48 at ceramic wall tile junction*
 - *Weld rod* matching the sheet colour for heat welding.
 - **Sealant:**
Flexible polyurethane sealant for sanitary sealing around plumbing fixtures and toilets.
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3. Subfloor Preparation

1. Ensure subfloor is clean, dry, smooth, level, and free from contaminants such as oil, paint, dust, or curing agents.
 2. Moisture levels must be below 75% RH (in accordance with SANS 10070).
 3. Apply a suitable primer/moisture barrier and self-leveller to manufacturer's instructions where required,
 4. All fixing points for sanitaryware should be prepared before flooring installation where possible.
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4. Installation Procedure - General laying if sanitaryware is not yet installed

1. Install all wall tiles, leaving out the last row from the bottom for vinyl installation.
2. Install the vinyl sheeting to size, allowing for coving or upstands where specified.
3. Dry fit the sheet to ensure accurate positioning around toilets, urinals, and pipe penetrations.
4. Adhere the sheet using the recommended Polysales adhesive, following the manufacturer's open time and trowel notch size.
5. Cove the sheeting up the wall by 50mm, leaving out the cove former to achieve a 90degree angle. Once the screed is dry, the sheeting can be primed using QAN 439M to the back of the sheeting. Allow to dry. Apply BAN 523 contact adhesive to both the back of the sheeting and the floor/wall to ensure that you get a good bond. Fit the last row of ceramic tiles over the sheeting turn-up. It is recommended to apply a bead of sanitary-grade silicone between the tile edge and vinyl sheeting. Install toilet as per manufacturer's instructions.
6. Roll the flooring with a 68 kg roller to ensure full contact and expel trapped air.



7. When drilling holes for the toilet brackets, fill the holes with epoxy sealant before inserting the plugs to receive the screws and to prevent moisture ingress. Install the back-to-wall toilet pan as per manufacturer's installation guide.
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5. Welding & Sealing

1. Overlap and scribe to achieve a tight joint.
 2. Groove 2/3rds through the thickness of the vinyl flooring. Weld with the matching PVC welding rod at correct temperature and speed.
 3. First cut/trim of weld while warm and final cut/trim after 30 minutes using recommended Polysales tools.
 4. Apply colour-matched sanitary-grade sealant at:
 - The base of toilets or urinals where flooring is cut around.
 - Around pipe penetrations and service outlets.
 - At the perimeter edges where fixtures prevent coving.
 5. Smooth the sealant to achieve a clean, watertight finish.
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6. Post-Installation

- Allow adhesive and welds to cure before exposing to traffic or cleaning.
 - Refit sanitaryware and seal all fixing points.
 - Conduct a visual inspection for defects, gaps, or unsealed areas.
 - Clean using neutral detergent and water as per Polysales maintenance guidelines.
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7. Quality Assurance

- All work must comply with the relevant **SANS** standards.
 - Only approved installers trained in resilient flooring should perform this work.
 - Ensure all Polyflor and Polysales materials and procedures are used in accordance with manufacturer specifications.
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8. Health and Safety

- Follow manufacturer Safety Data Sheets for adhesives and sealants.
- Use adequate ventilation when applying solvent-based products.
- Ensure personal protective equipment (PPE) is worn at all times.