

Bathroom liquid waterproofing - JSA - A

en-SG · Basic task controls · v1.0 · 2026-10-14 · Sources: article section 9

Site: _____ | Item ID: _____ | Work area: _____

Approval	Work supervisor	Technical reviewer	Release / handover authority

1. Job details and team signatures

Date / time		Location / area		Assessor		Supervisor	
Team signatures							

2. Conditions and hold points

Stage	Time	Location / area	Environment / readings	Item / condition	Controls	Plant / tools	Approval / signature
HP-0 Start							
HP-1 Match substrate							
HP-2 Reinforce details							
HP-3 Check cure							
HP-4 Clean and transfer							

Complete after actual checks. Recheck after changes, defects or shift handover.

3. JSA risk assessment

Job stage	Hazards and effects	Failure factors	Technical and procedural controls	Site verification	P	S	R	A
1. Match substrate	1. Poor adhesion 2. Water leakage 3. Chemical contact	1. Moisture unknown 2. Repair incomplete 3. SDS missing	1. Verify substrate condition 2. Review repairs and moisture 3. Obtain current SDS	1. Bathroom and substrate ID 2. Moisture evidence 3. Local product PDS SDS and batch				
2. Prepare access	1. Slipping 2. Trapped worker 3. Container strain	1. Exit coated first 2. Open pails left 3. Lift route awkward	1. Plan clear exit route 2. Restrict access 3. Use safe material handling	1. Route and signs 2. Container condition 3. Handling arrangement				
3. Reinforce details	1. Knee strain 2. Chemical contact 3. Leak at drain	1. Patch omitted 2. Drain detail wrong 3. Tape not embedded	1. Follow detail drawings 2. Embed compatible reinforcement 3. Check voids and continuity	1. Corner and drain detail 2. Penetration treatment 3. Tape and patch condition				
4. Apply membrane	1. Skin exposure 2. Slip and fall 3. Thin coating	1. Unapproved dilution 2. Exit blocked 3. Coverage too low	1. Follow product application 2. Maintain escape route 3. Measure specified film	1. Coverage and film record 2. Layer time 3. Bubble and gap check				
5. Check cure	1. Soft layer damage 2. Concealed leakage 3. Early exposure	1. Appearance accepted 2. Time unrecorded 3. Humidity or condensation ignored	1. Track layer and environment 2. Verify thickness and continuity 3. Meet cure criteria	1. Layer time and environment 2. Specified inspection 3. Cure evidence				
6. Clean and transfer	1. Waste exposure 2. Drain contamination 3. Membrane damage	1. Wash water dumped 2. Pails left open 3. Protection removed	1. Contain cleanup waste 2. Protect drains 3. Transfer cure restrictions	1. Waste route 2. Tool and container count 3. Cure and test status				

P/S/R/A: Complete only after actual site assessment using the site risk method.

4. Pre-work checklist

☐ Bathroom and substrate ID	☐ Route and signs	☐ Corner and drain detail
☐ Coverage and film record	☐ Layer time and environment	☐ Waste route
☐ Local product PDS SDS and batch	☐ Bubble and gap check	☐ Cure and test status