

Bathroom liquid waterproofing - JSA - C

en-SG · Supervision, records, handover · 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. System and product review	1. Failed bathroom membrane 2. Chemical exposure 3. Wrong under-tile use	1. Roof product substituted 2. Local PDS not checked 3. SDS inaccessible	1. Match bathroom system 2. Obtain local PDS and SDS 3. Brief hazards understandably	1. System and product identity 2. Current SDS and labels 3. Substrate acceptance				
2. Access release	1. Trapped applicator 2. Slip on wet coating 3. Material handling injury	1. Exit coated first 2. Other trades enter 3. Pails obstruct route	1. Plan retreat sequence 2. Coordinate trade exclusion 3. Keep containers controlled	1. Escape and access plan 2. Trade briefing and signs 3. Handling and spill controls				
3. Detail acceptance	1. Leakage at drain 2. Membrane discontinuity 3. Repeat contact exposure	1. Patch omitted 2. Primer incompatible 3. Defect concealed	1. Inspect corner and drain detail 2. Verify compatible components 3. Record repair before coating	1. Reinforcement detail 2. Primer and batch record 3. Inspection and repair status				
4. Coating records	1. Inadequate film 2. Blistering 3. Skin and eye exposure	1. Coverage assumed 2. Dilution improvised 3. Protection unsuitable	1. Use approved application method 2. Record specified film checks 3. Apply SDS exposure controls	1. Consumption and film evidence 2. Layer and environment record 3. Ventilation and protection				
5. Cure release	1. Premature tile work 2. Soft-layer damage 3. Hidden discontinuity	1. Colour change accepted 2. Humidity unrecorded 3. Separate releases merged	1. Verify actual cure conditions 2. Inspect continuity and defects 3. Separate traffic tile and test	1. Layer times and environment 2. Cure and inspection evidence 3. Release scope and authority				
6. Waste and trade transfer	1. Drain contamination 2. Uncontrolled re-entry 3. Unresolved repair covered	1. Wash water discharged 2. Access signs removed 3. Defects not handed over	1. Contain cleanup waste 2. Retain required area protection 3. Transfer restrictions and owner	1. Waste route and containers 2. Remaining cure or test holds 3. Receiving trade and defects				

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

4. Pre-work checklist

☐ System and product identity	☐ Escape and access plan	☐ Reinforcement detail
☐ Consumption and film evidence	☐ Layer times and environment	☐ Waste route and containers
☐ Substrate acceptance	☐ Ventilation and protection	☐ Receiving trade and defects