



# External Wall Waterproofing

### WORK TYPE

Facade waterproofing

### REFERENCES

ADS WP-WALL

### STATUS

Interim template v1

## 1. PROJECT INFORMATION

FIELD	DETAIL
Project / Job	[Project name]
Client / PMC	[Client / consultant]
Location	[Site address]
Contract / PO	[Ref]
Area / quantity	[_ sq.m]
Programme dates	[Start] - [End]
POLYZEN supervisor	[Name / contact]

## 2. SCOPE OF WORK

Vertical facade protection against wind-driven rain - breathable repellent or film-forming crack-bridging system. Area approx. [\_ sq.m], as per [drawing / spec ref].

## 3. REFERENCE DOCUMENTS

- POLYZEN ADS: External Wall Waterproofing (WP-WALL) (application methodology).
- Selected material's Technical Data Sheet (TDS) & Safety Data Sheet (SDS).
- Project specification, drawings and approved sample.
- Relevant IS / ASTM / ANSI-ESD standards as applicable.

## 4. SEQUENCE OF WORKS

- Remove efflorescence; repair cracks & spalls.
- Prime / first coat (silane = flood coat).
- Base + fabric at cracks / junctions.
- Second coat at right angles to DFT; seal frame junctions & drip grooves.
- Cure / RILEM absorption check.

## 5. RESOURCES

- **Manpower:** site supervisor x1, applicators x[\_], helpers x[\_].
- **Plant / equipment:** Scaffold / access, brushes / rollers / sprayer, RILEM tube.
- **Materials:** Client-approved system per the project spec (POLYZEN Applied System) - quantities [\_].

## 6. PROGRAMME & PHASING

- Work bays / zones: [sequence]; shift timing [hours].
- Sequence planned to maintain wet edges / continuity and allow cure & testing before follow-on trades.

## 7. SITE CONDITIONS & ACCESS

- Access / egress [route]; power [supply]; water [supply]; storage [area].

- Ventilation, lighting and area segregation arranged before start; permits obtained where required.

## 8. RISK ASSESSMENT

HAZARD	RISK	CONTROL MEASURES
<b>Work at height (terraces, roofs, parapets, podiums)</b>	Falls from height	Edge protection, guardrails / scaffold, harness + anchor, trained operatives
<b>Hot works / gas torch (bitumen membranes)</b>	Fire and burns	Hot-work permit, fire watch + extinguishers, clear combustibles, no torching near services
<b>Confined space (basements, tanks, pools, sumps)</b>	Asphyxiation, fume build-up	Entry permit, gas testing, forced ventilation, standby person, rescue plan
<b>Solvent / PU / PMMA fumes</b>	Inhalation, sensitisation	Ventilation, RPE, no ignition sources
<b>Dewatering / excavation (basements)</b>	Collapse, drowning, slips	Shoring / battering, pumps, edge protection, access controls
<b>Fragile / metal roofs</b>	Fall through roof	Crawl boards, edge / opening protection, safety nets

## 9. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Coveralls, gloves, goggles, safety footwear; full-body harness + fall-arrest at height; fire-resistant clothing for torch works; gas monitor + respirator for confined spaces.

## 10. QUALITY CONTROL - INSPECTION & TEST PLAN (ITP)

ACTIVITY / STAGE	CHECK / METHOD	HOLD / WITNESS
Substrate & falls	Visual / level (no ponding)	<b>Hold</b>
Detailing (coving, penetrations, upstands)	Visual	<b>Witness</b>
Film thickness / laps	Gauge / visual	<b>Witness</b>
Water test	Flood/ponding (24-72 h) or hydrostatic (7-14 days) per type	<b>Hold</b>
Protection / overlay	Visual before covering	<b>Witness</b>

## 11. ENVIRONMENTAL CONTROLS

- Segregate and dispose of waste, empty containers and off-cuts per local regulations and the material SDS.
- Keep a spill kit on site; contain spills; do not discharge resins, solvents, slurry or wash-water to drains or ground.
- Control dust and fumes at source; protect adjacent areas, planting and water bodies.

## 12. EMERGENCY & FIRST AID

- Site first-aider: **[Name / contact]**; first-aid kit at **[location]**.
- Nearest hospital: **[Hospital name / address]**; emergency ambulance 108.
- Fire extinguishers at the work face during hot works; assembly point **[location]**; spill kit at **[location]**.

## 13. APPROVALS

**Prepared by (POLYZEN)**  
Name / sign / date

**Reviewed (POLYZEN)**  
Name / sign / date

**Approved (Client / PMC)**  
Name / sign / date

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*Disclaimer: this is an interim Method Statement / RAMS TEMPLATE. Complete it with project-specific information (highlighted placeholders), review and approve before work begins. Technical application detail is per the referenced POLYZEN ADS and the selected material's data sheet / SDS; site risk controls must reflect the actual site assessment. POLYZEN reserves the right to revise this template.*