



# Car-Park Deck & Ramp Coating

### WORK TYPE

Deck / ramp coating

### REFERENCES

ADS CARPARK - TDS ZK-100/ZK-300

### 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

Multi-layer anti-skid car-park deck & ramp coating; crack-accommodating membrane and UV-stable topcoat where specified. Area approx. [\_ sq.m], as per [drawing / spec ref].

## 3. REFERENCE DOCUMENTS

- POLYZEN ADS: Car-Park Deck & Ramp (CARPARK) (application methodology).
- POLYZEN Product TDS: ZK-100 / ZK-300.
- 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

- Prepare deck & repair; crack-accommodating membrane where movement expected.
- Prime.
- Body coat + anti-skid aggregate broadcast (heavier on ramps / turns).
- Seal + UV-stable topcoat on exposed decks + line-marking.
- Cure before trafficking.

## 5. RESOURCES

- **Manpower:** site supervisor x1, applicators x[\_], helpers x[\_].
- **Plant / equipment:** Grinder / shot-blaster + vacuum, mixers, broadcast tools, line-marking kit.
- **Materials:** POLYZEN system product or client-approved equivalent per the ADS / project spec - 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>Abrasive blasting (steel prep)</b>	Flying particles, dust	Blast hood / air-fed respirator, containment / screens, exclusion zone
<b>Solvent / isocyanate coating fumes</b>	Inhalation, fire, sensitisation	Ventilation, RPE, bonding & earthing, no ignition sources
<b>Confined space (tank lining)</b>	Fume build-up, asphyxiation	Entry permit, continuous ventilation & gas monitoring, standby
<b>High-pressure resin injection (grouting)</b>	Injection injury, high-pressure release	Trained operators, equipment guards, pressure control, PPE
<b>Vehicle movement / traffic (car parks)</b>	Struck-by / crushing	Traffic management plan, phasing, barriers, hi-vis
<b>Work at height (decks / structures)</b>	Falls	Edge protection, harness, access equipment

## 9. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Coveralls / chemical suit, gloves, goggles, safety footwear; blast hood / air-fed respirator for blasting & spray; gas monitor for tank interiors; harness at height.

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

ACTIVITY / STAGE	CHECK / METHOD	HOLD / WITNESS
Surface preparation	Blast cleanliness ISO 8501-1 (Sa 2.5) & profile	<b>Hold</b>
Primer / stripe coat	Visual	<b>Witness</b>
Dry film thickness	Per coat & total (gauge)	<b>Witness</b>
Continuity (linings)	Holiday / spark test	<b>Hold</b>
Adhesion	Pull-off	<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.*