



EPU Sports & Comfort Flooring

WORK TYPE

Resin flooring

REFERENCES

ADS EPU-SPORT - TDS ZP-400

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

Install an epoxy-polyurethane (EPU) resilient comfort / sports floor. Area approx. [_ sq.m], as per [drawing / spec ref].

3. REFERENCE DOCUMENTS

- POLYZEN ADS: EPU Sports (EPU-SPORT) (application methodology).
- POLYZEN Product TDS: ZP-400.
- 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 & prime.
- Apply EPU comfort body to build.
- Seal + line-marking / anti-slip.
- Cure.

5. RESOURCES

- **Manpower:** site supervisor x1, applicators x[_], helpers x[_].
- **Plant / equipment:** Shot-blaster / grinder + vacuum, forced-action / pan mixer, trowels, spiked roller.
- **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 |
|---|--|---|
| Skin / eye contact with resin & hardener | Dermatitis, chemical burns, sensitisation | Chemical-resistant gloves, goggles, barrier cream; wash stations; no skin contact |
| Dust from surface preparation (grinding / shot-blasting) | Respirable crystalline silica — respiratory harm | Dust-extracted / vacuum-shrouded tools, wet methods, FFP3 RPE, area segregation |
| Solvent / VOC vapour from primers & seals | Inhalation, headache, fire risk | Forced ventilation, RPE where required, remove ignition sources, no smoking |
| Wet resin / smooth surfaces | Slips, trips and falls | Barriers, signage, housekeeping, restricted access during cure |
| Manual handling of kits & drums | Musculoskeletal injury | Team lifting, trolleys / drum handlers, correct technique |
| Isocyanate (PU) components | Respiratory sensitisation / asthma | Ventilation, air-fed / FFP3 RPE, health surveillance, keep components dry |

9. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Coveralls, chemical-resistant gloves, safety goggles, safety footwear; FFP3 respirator during grinding / solvent work.

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

| ACTIVITY / STAGE | CHECK / METHOD | HOLD / WITNESS |
|-------------------------------|---|----------------|
| Substrate moisture | In-situ RH per ASTM F2170 within system limit | Hold |
| Surface profile & cleanliness | Visual / CSP | Witness |
| Primer coverage | Visual / consumption | Witness |
| Applied thickness / DFT | Wet-film comb / gauge | Witness |
| Adhesion | Pull-off spot check (ASTM D4541) | Witness |
| Final finish | Visual / colour / slip | Hold |

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.