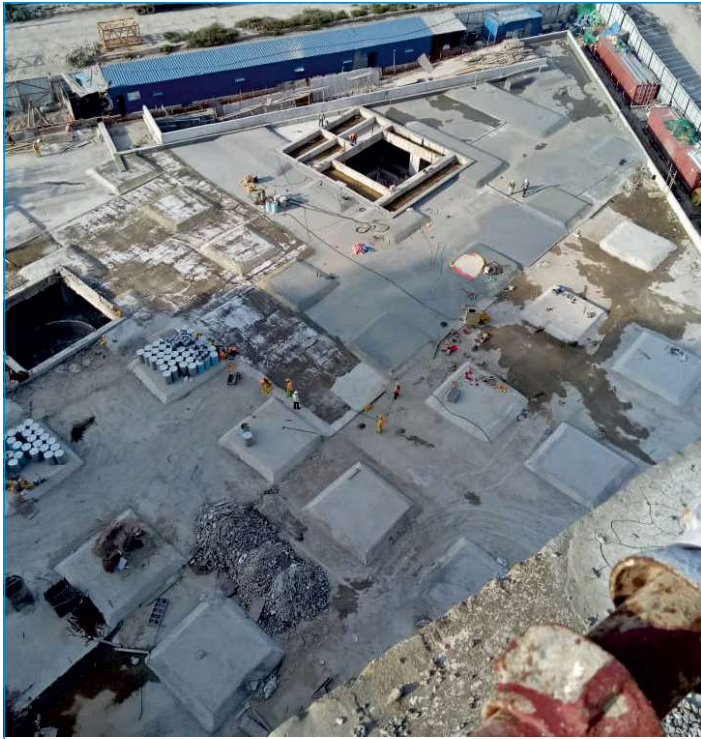




Structural Specialities  
& Projects (India) Pvt. Ltd.

# Specialized Waterproofing work of Police Bhavan Building

Lucknow, UP



## Infrastructure & Public Buildings

### Structure Details

Specialized Waterproofing work during Construction work of Police Bhavan Building having appx. builtup area of 500,000 Sq.ft.

### Brief Scope of work:

- **ROOF INSULATION:** PUF Insulation and Providing and applying solvent free two component Polyurethane spray applied waterproofing system
- **ROOF WATERPROOFING:** Providing and laying roof insulation with 50 mm thick impervious sprayed, closed cell free Rigid Polyurethane foam over deck insulation conforming to IS - 12432 Pt. III (density of foam being 40-45 kg/ cum), over a coat of polyurethane primer applied @ 6-8 sqm per litre, laying 400 G polythene sheet over PUF spray over a course of average thickness 50 mm thick cement screed 1: 2 : 4 (1 cement : 2 coarse sand : 4 stone aggregate 20 mm nominal size) and sealing the joints with Bonding agent /polymerized mastic
- **BASEMENT WATERPROOFING:** Providing and applying moisture insensitive epoxy primer broadcasted with sand after necessary surface preparation followed by applying waterproofing membrane using specialized 2 component spray machine

### Project Highlights

- A total of appx. **5 Lakh Sq.ft area of Waterproofing** work with various types of Specialized waterproofing systems
- SSPI team has successfully executed the project with approved methodology and maintaining High Quality & Safety standards.

### Client

Hyderabad  
International Airport

### Period

2019-20

### Key Items of work

PUF insulation

Spray Applied  
Polyurethane

Injection Grouting

Construction Joint  
Treatment