



Structural Specialities
& Projects (India) Pvt. Ltd.

Specialized Waterproofing for Expansion work of Hyderabad International Airport Hyderabad, Telangana



Infrastructure & Public Buildings

Structure Details

Specialized Waterproofing work of Welfare Building & Main Building Terrace, Toilet and Underground Tanks

Brief Scope of work:

- Providing & dosing integral crystalline admix to the concrete of RC wall, Base Slab, lift pit
- Providing & Fixing Minimum 2 mm thick polyester reinforced, self adhesive SBS modified bituminous water proofing membrane with geo-textile finish
- Providing & Fixing 0.5mm thick HDPE dimpled sheet with minimum dimple height of 7 to 8mm, laid over water proofing membrane
- Application of two component polymer modified elastomeric cementitious waterproofing coating over in two coats on the leveling screed concrete
- Application of liquid applied hybrid polyurea membrane along with 0.1 to 0.15 mm thick moisture insensitive primer and 0.2 mm UV resistant top coat
- Pipe & Cable penetration treatment & Construction Joint treatment with injection grouting
- Chemical Coating for Construction Joint

Project Highlights

- A total of more than **10 Lakh Sq.ft area of Waterproofing work** with various types of Specialized waterproofing systems
- SSPI team is successfully executing the project with approved methodology and maintaining High Quality & Safety standards at such sensitive site location.

Client

Hyderabad
International Airport

Period

2019-20

Key Items of work

Crystalline
Waterproofing System

Elastomeric
waterproofing coating

SBS Modified
Membrane WP

HDPE Membrane
Waterproofing

Spray Applied
Polyurea

Injection Grouting

Construction Joint
Treatment