METHODOLOGY FOR COMBO ROOF SYSTEM.

STEP 1: CLEANING OF THE ROOF AREA USING COMPRESSED AIR.
STEP 2: COVERING THE PARAPET WALL (75CM HT) AND OTHER UTILITIES FIXED ON THE ROOF TO AVOID THE RISK OF OVER SPRAY.
STEP 3: SPRAY APPLY POLYURETHANE FOAM OF AVERAGE THICKNESS 100 MM WITH DENSITY 45-50 KGM3.
STEP 4: BRUSH SPRAY APPLY UV RESISTANT PROTECTIVE COATING ABOVE ENTIRE PU FOAM SPRAYED AREA.
STEP 5: LOOSELY LAY GEOTEXTILE SEPARATION AND PROTECTIVE LAYER 120 GSM WITH AN OVERLAP OF 30 CM.
STEP 6: FIX RIDGES IN PANELS AND SLOPE (1:120-1:MAX) USING BITUMEN IMPREGNATED BOARDS AND CEMENT SAND MORTAR.
STEP 7: LAY PROTECTIVE SCREED CONCRETE (25MM/32) TO SLOPE (1:120-1:MAX OR TO DRAWINGS)
STEP 8: FIX BACKING ROD & HEAVY DUTY ELASTOMERIC PU SEALANT TO ALL CONSTRUCTION JOINTS IN SCREED.
STEP 9: FIX ANGLE FILETS ALONG THE PARAPET, MECHANICAL DUCT OPENINGS AND PRE-UTILITY UPSTANDS.
STEP 10: APPLY FINAL COAT OF POLYFLEX (COMBO) CIMENTATIOUS PROTECTIVE COATING ABOVE SCREED & ANGLE FILET (+50MM VERTICALLY).
RainWater Outlet Termination Detail

GRAVEL
RAINWATER OUTLET
POLYFLEX (COMBO)
FLEXIBLE CEMENTITIOUS COATING
SBR BONDING AGENT
FIBRE REINFORCED CONCRETE
SCREED TO SLOPE
POLYFAB FILTER MEMBRANE 120GSM
BRUSH APPLIED POLYTEX LIQUID
ELASTOMERIC U.V PROTECTION COATING

SPRAYED POLYFOAM INSULATION OF THICKNESS 180 MM OF DENSITY 45-50 KG/M3
REINFORCED CONCRETE

DETAIL - B
Pipe Penetration Details

BY OTHERS

EXTERNAL PLASTER FINISH
FABRIC REINFORCEMENT
CEMENT SAND FILLET
POLYBOND BONDING AGENT
POLYFLEX (COMBO)
FLEXIBLE CEMENTITIOUS COATING
SSR BONDING AGENT
FIBRE REINFORCED CONCRETE
SCREED TO SLOPE
POLYFAB FILTER MEMBRANE 120GSM
BRUSH APPLIED POLYTEX LIQUID
ELASTOMERIC U.V PROTECTION
COATING

SPRAYED POLYFOAM INSULATION
OF THICKNESS 180 MM OF DENSITY
45-50 KG/M3

REINFORCED CONCRETE
AHU Support Details (Heavy Units)

- External Plaster Finish
- Fabric Reinforcement
- Cement Sand Fillet
- Polybond Bonding Agent
- Polyflex (Combo)
- Flexible Cementitious Coating
- SBR Bonding Agent
- Fibre Reinforced Concrete
- Screed to Slope
- Polyfab Filter Membrane 120gsm
- Brush Applied Polytex Liquid Elastomeric U.V Protection Coating
- Sprayed Polyfoam Insulation of Thickness 180 mm of Density 45-50 KG/M3
- Reinforced Concrete

By Others