PU Foam Waterproofing - without Screed

Project Name:	Client :
Client Representative :	Consultant :
Contractor :	

Details:

Please find attached the specifications for the waterproofing system to be implemented for the main and auxiliary sports halls, based on the following system:
PU Foam Waterproofing – Without Screed

The estimated total area for the waterproofing works is approximately 2,300 square meters.

Kindly review the attached specifications and take the necessary action accordingly.

Description

S.No.	Description
Scope of Work	100 mm PU foam roof waterproofing over existing sandwich/corrugated sheets, including smooth leveling, two coats Polybit Polythane P and reinforcing fiber mesh.
	Vertical waterproofing to 1 m × 30 m, including junction detailing.
1	Clean and prepare existing metal roof sheets, side-wall channels, gutters, rooflights and penetrations
2	Coordinate earthing cable routes with an authorized electrician; maintain bonding continuity and accessible test points
3	Spray 100 mm PU foam and trim to form a smooth continuous roof, fully concealing metal sheet profiles
4	Apply first coat of Polybit Polythane P and embed approved reinforcing fiber mesh; follow with second UV-resistant coat.
5	Provide GRP (glass-reinforced polyester) waterproof lining to identified gutter/channel details, including outlets and vertical returns, subject to approved detail and compatible transition.
6	Finish all edges, joints, skylight perimeters and vertical upstands; inspect and clean after completion. No screed and no silicone sealant.
	MATERIALS & SYSTEM
1	Baalbaki Chemical Industries ISOREX R310/1 with approved compatible polyol; spray PU foam 100 mm nominal thickness, target density 45–50 kg/m³
2	Two coats of white, UV-resistant Polybit Polythane P with fiber mesh reinforcement (subject to written manufacturer compatibility approval).
3	GRP fiberglass-reinforced coating to existing gutter channel