





A Q U A T I T E





AQUATITE WATERPROOFING & INSULATION LLC

ABU DHABI,UAE





<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

P.O.BOX 47421, Abu Dhabi, U.A.E

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PROFILE

AQUATITE WATER PROOFING & INSULATION is a professionally managed concern catering to the burgeoning demand in the U.A.E market for the reliable service and consultancy in the field of building insulation. The construction boom and continuing expansion programmed of the entities have sustained the growth of both the industry as well as the company and today Aquatite water proofing and insulation command a major presence in the highly competitive market. Our client list includes a large number of constructing companies and consultants.

The guiding philosophy behind the existence of the company is to make available to our customer product and services of commendable with strict adherence to time scheduled and technical specifications, at prices that offer better value for money. The main activity undertaken by the company includes offering total solutions to a host of water proofing and thermal insulation problems encountered in the construction industry. Our team of civil engineers and chemical engineers offer active consultancy services in the above-mentioned fields. In order to main exacting quality material that meet all prescribed technical specifications are utilized in the execution of each of our projects. Based on the requirement, we execute both membranous as well as liquid based insulation systems. Over the years, we have gained considerable technical expertise in Ataxic in Polypropylene (APP) membranes, Styrene Butadiene Styrene (SBS) membranes for structures, acrylics, cementations and fib rated liquid systems. The state-of-the- art foam concreting machines optimizes cement consumption while maintaining specified density ranges between (400-600kg /m2). A highly professional team of engineers and managers complimented by a skilled and experienced labor force ensures that high technical standards are maintained and that time schedules are adhered to in the execution of all our projects. It is therefore no surprise that's our customers have a high regard for our work.

Our professional team provides perfect solution for water proofing and thermal insulation requirement of all types of roof, which include is RSS Flat Roof, Metal Roof, the people slope roof of garden. We offer quality asured, Sustainable solutions for your roof. Systems and solutions offered by Aquatite

team meet the all standards of thermal insulations. We provide solutions which are complying with the requirements of sustainability. Our technical team can work with your design team and offer them with all the technical assistance of meet your specific requirements related to roof waterproofing, basement, wet area waterproofing GRP lining and thermal insulation.

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OUR VISION

- To provide quality services to clients using the best technology available, at fair market competitive prices
- To understand the needs of the customer and to ensure 100% customer satisfaction
- To establish a "hup port" Service provider in the middle east region and expand operations in America & Asia
- To refine services in ordered to achieve a common goal



MISSION OF STATEMENT

Aquatite group is a leader in providing services that are not only fair and market compatative prices to our customers but to serve them which other's fail to understand, creating a successful partnership in highest level of quality services by committing in providing the highest level of professionalisam, service response and quality workmanship.

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OUR GREATEST ASSET- OUR PEOPLE

From the very beginning, we set stringent measures for recruiting and cultivating new talent to ensure our clients only deal with the highest quality and most qualified professionals throughout their experience working with Aquatite. We also invest a vast amount of resources in training our people to become more knowledgeable about their respective field(s), which ultimately, leads to superior service, efficient finances, and timely delivery.

WE'RE VERSATILE- WE CAN DO MORE FOR YOU

Another key factor that helps differentiate Aquatite from our competitors is the varying scopes of work that we can perform; in fact, we can perform all of the scopes of work. Because there are fewer people and processes involved, our customers will benefit from a seamless experience that spans many scopes of work without having to leave Aquatite.

EFFICIENT PROJECT SUPERVISION -ENSURING QUALITY AND TIMELINESS

At Aquatite, we believe that jobsite supervision is fundamental to having a financially successful project. That's why we have non-working superintendents who manage field personnel at each of our sites to ensure quality installation. We strive to have one non-working superintendent for every 5-10 field labors. Our commitment to quality, efficiency, and timeliness has played a vital role in our growth over the last 30 years.

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HEALTH & SAFETY POLICY

Our safety policy ensures not only the protection of our employees, but also our subcontractor, customers, and the community as a whole in which we operate. At Aquatite, safety is a primary concern and priority. The company is fully committed to integrate safety measures in its waterproofing treatment i.e. comprehensive risk

integrate safety measures in its waterproofing treatment i.e. comprehensive risk assessment & coordinated safety action plans are in place throughout the construction process.

The company's safety policy is implemented rigorously in every project which ensures:

- A safe working environment which is continuously improved with new safer methods of operation
- Employees and sub-contractors are up to date with the safety hazards, rules and regulations
- All applicable rules, regulations, and procedures are carried out with best practices and principle
- Pre-bid safety review of site hazards and construction techniques
- Every day morning safety review and pre-planning with foremen and other crew members
- Employee training through workshops and seminars, which includes weekly toolbox talks
- To date, we have zero accident rate at all levels of activity

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The basic principle governing the work of AQUATITE Company is "Professionalism", which is the common denominator in consistently keeping our promise to our customers, partners and employees.

Today, across the world, business development models are being reshaped and economic and innovation cycles are shrinking. Companies that do not respond to these changes risk being exposed to irrevocable risks that affect their long-term prospects.

Our company has the future in mind, with a vision to pursue in accordance with the capabilities that we have and our vision to be one of the leading companies with a significant presence in the waterproofing market of Middle East as well as the waterproofing market in Asia. Our task and mission to create sustainable growth and profits are excellent for our customers and to achieve this we are investing in the best qualified waterproofing by employing the best human elements, use the latest technology, to pursue the best methods of work in order to achieve our vision and our goals and will continue to satisfy customers and their aspirations at the forefront of our strategies.

We are sharpening our strategy to be one of the world's most valuable, most innovative and most admired companies. Our goal is to be an unstoppable company that creates enormous value for our shareholders, stakeholders, and the economy.

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AREAS OF SPECIALIZATION



Aquatite Combo Roof System



Aquatite Waterproofing Membranes



GRP Lining



Light Weight Concrete System



Wet Area Waterproofing



Cementitous & Fibrated Waterproofing



Water Tanks & Swimming Pools



Industrial & Floor Coating



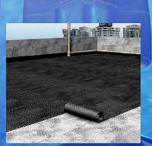
Thermal Insulation



Paintings



Injection Treatment



General Maintenance

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COMBO ROOF SYSTEM

The life of the building could very much depend on the quality and integrity of the roof. The ability of a roof to perform effectively on a long term basis depends on the quality of material, design of the roofing system and quality of workmanship. The extreme heat in the Middle East demands excellent insulation to prevent energy wastage. The Aquatite Combo Roofing System does just that, with a saving of over 40% in energy. It also provides for a perfect waterproofing thus making it the ideal and cost effective system.

Combo Roof is a comprehensive system comprising of waterproofing, thermal insulation and finishing for the roof. This unique system is a technically advanced fast curing

This system provides a warranty of 25 years against any leakage.

The system meets all latest thermal insulation standards and regulations in UAE and is accepted by all major property developers, consultants and contractors.

The system is also approved by various authorities like Dubai Municipality, Sharjah Municipality, Sharjah Water and Electricity authority; Combo Roof system is an assured solution for your roof.

Spray foam roofing starts out as two liquid components - an isocyanate, known as the "A" component, and a resin (or polyol), the "B" component. When the liquids are mixed at a one-to-one ratio, a chemical reaction occurs and the mixture expands 20 or 30 times forming a solid, monolithic (seamless), closed-cell, fully-adhered roof system that provides excellent water-resistance and thermal insulating abilities.

Polyurethane foam adheres to just about everything so it can be installed over concrete, wood, steel, and most existing roof systems (EXCEPT APP MODIFIED BITUMEN!) which saves on the expense of roof removal and landfill fees. Polyurethane Foam mechanics can spray apply a tapered roof system with the foam which eliminates the need for costly tapered insulation systems. The vertical wall terminations are also spray applied making them an integral part of the roof system and minimizing additional component costs.

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COMBO ROOF SYSTEM

The Process Description

The roofing contractor will be responsible for the following procedures.

The initial layer of polyurethane is sprayed to the desired thickness after making sure the slab is cleaned adequately.

The polyurethane layer is sprayed with liquid acrylic waterproofing which serves as a waterproofing layer as well as solar UV protection for the polyurethane layer.

A water test is then conducted once the acrylic liquid waterproofing layer is completely dry. The water test is done after blocking the rain water pipe at ground level.

This will ensure the integrity of the drainage outlet and pipes right to the ground level.

- A geotextile separation layer is now laid over the surface to protect it while the screeding work proceeds.
- The slope lines are now laid with expansion joint filler board strips held in place with sand cement mortar. The strips are placed such that they form panels not larger than 3m by 3m.
- Custom screed is now poured on the bays to the prescribed levels and the surface finished smoothed with power float machines. Triangular fillets are provided at all upstands.
- The joints formed by the expansion joint filler strips are now opened by power grinders and resealed using polysulphide sealants.
- All foundations and platforms are now made by the main contractor.
- The final coat of acrylic cementatious waterproofing is now spray applied over the entire surface. The site is ready for handing over after the curing period of 48 hours.

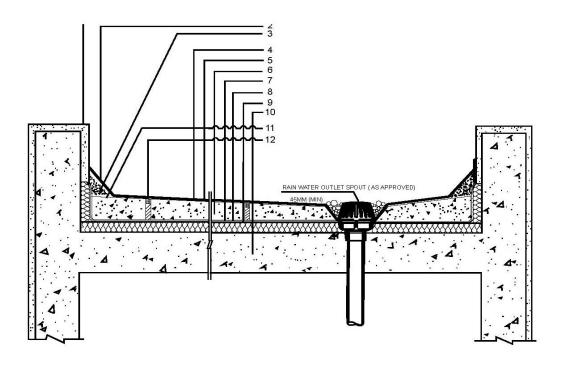
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TECHNICAL DETAILS

SECTIONAL DRAWING OF COMBO ROOF SYSTEM



- 1. EXTERNAL PLASTER FINISH
- 2. FABRIC REINFORCEMENT
- ANGLE FILLET OVER POLYBOND BONDING AGENT (VARIES ACCORDING TO SLOPE)
- 4. POLYFLEX TOP COAT (800MIC THIC) ACRALIC CIRUITIUS MODIFIED
- 5. SBR NONDING AGENT
- 6. CONCRETE SCREED TO SLOPE (320 OPC, 90MM AVE THICKNESS)
- 7. FILTER MEMBRANE GEO TEXTILE
- 8. RABERISE COATING
- 9. POLYURETHANE FOAM OF THICKNESS 30-35MM WITH 40-45 KG/M3 DENSITY
- 10. POLYBOND BONDING AGENT
- 11. POLYBORD + BACKING ROD + POLYSEAL 1 PU SEALANT

SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

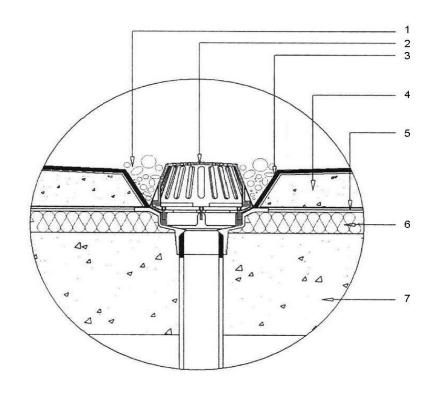
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TECHNICAL DETAILS

SECTIONAL DRAWING OF COMBO ROOF RAIN WATER OUTLET TERMINATION DETAIL



- 1 Gravel
- 2 RainWater Out Let
- 3. Poly Flex (Combo Flexible cementitioous Coating)
- 4. Re inforced Concreate Screed to Slow
- 5. Brush Applied Polytex/RBE Illustomatric UV Protection Coating
- Sparayed Polyfoam Insulation
- 7 Re inforced Concreate

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MEMBRANE WATER PROOFING SYSTEM



Bituminous products are perfect for the waterproofing of roofs on buildings as they move with the structure as they are not too rigid and do not absorb water. Waterproofing membranes systems are designed to protect both residential and commercial buildings through a mixed substance made up of organic liquids that are highly sticky and viscous. Also can be used as a continuous waterproofing membrane for foundations, basements, tunnels, concrete etc. and it is applied by flame bonding.

Bituminous membranes are made up of more than one product. Bitumen -mixed with a filler (limestone or sand) component such as sand. Polymers are added to the bitumen such as APP (atactic polypropylene) a plastic additive that gives rigidity and tear resistance, or SBS (styrene butadiene styrene a rubber additive that gives more elastic benefits.

Base Products

Polyester, fiber glass, rag fiber (hessian), and paper. These products are bought in roll format and are pulled through the bitumen mixes on huge rollers. The base product becomes saturated in huge tanks by the tar like bitumen substance, creating rolls of waterproof material.

Advantages of this system

- Uniform thickness
- Membrane can be polyester re-enforced ensuring dimensional stability.
- Excellent stability at high & low temperatures applications & service
- Higher tear & impact resistance & excellent
- Available in plain or mineral finish for light foot traffic. elasticity even at low temperatures than other membranes

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MEMBRANE WATER PROOFING SYSTEM

THE PROCESS DESCRIPTION

Surface Preparation:-

Surface on which the membrane is to be applied must be sound, clean and dry. Dust loose materials, protrusion must be removed Cracks, holes etc.... must be covered.

Priming:-

Apply Polycot primer at a coverage rate of 1-4 m2 / lt. /coat through the help of Brush / Roller

Alignment

Unroll and align Membrane rolls and re-rolling correctly keeping an overlap as

150 mm side laps

200 mm end laps

Membrane Application:-

Torching- Position the rolls with the correct orientation, heat the lower surface of the rolls with a propane gas torch and unroll as the bitumen begins to melt, Roll forward and press firmly with a roller against the substrate to bond

Sealing- The membrane is need to seal properly; heat both the overlaps and use round tipped trowel to seal the overlap

Upstands— All angles and abutments should sealed with extra care to ensure full bonding, sealing the edges well into the grooves or protective auxiliary materials

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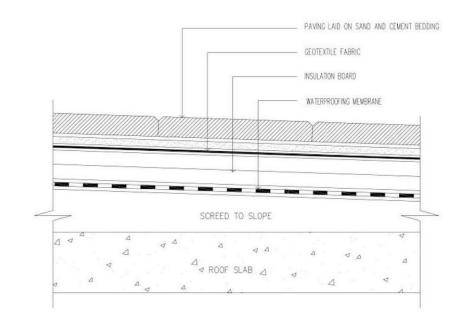
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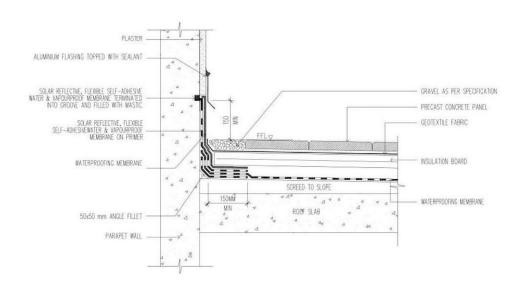
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TECHNICAL DETAILS

WATERPROOFING DETAILS AT PARAPET





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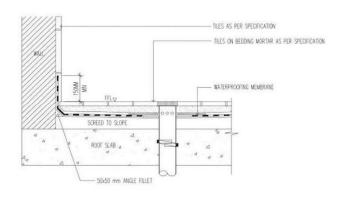
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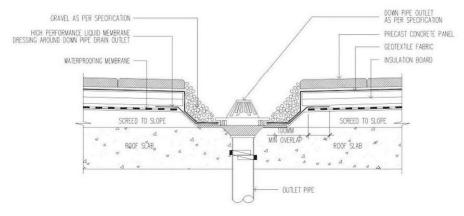
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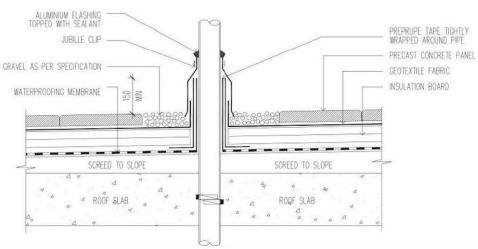


TECHNICAL DETAILS

DETAILS AT DRAINAGE PIPE







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GRP LINING SYSTEM



GRP lining is a hose relining method in which the inliner used is a seamless glass fiber fabric hose. GRP lining can be used to rehabilitate sewers with damage such as root penetration, deposits, socket offset, cracks and pipe fractures.

Once the existing pipe has been cleaned and inspected by a camera, it is prepared for rehabilitation with milling and smoothing robots, which pulls the folded inliner hose into the existing pipe through a shaft. When subjected to compressed air the inliner unfolds and applies itself to the inside wall of the existing pipe. The curing method is selected according to site conditions - using either ultraviolet light or a mixture of air and steam. Unsaturated polyester resins or vinyl ester resins are used, depending on the level of exposure to chemicals. The curing process is continuously monitored and recorded with the help of automated devices.

DETAILS OF RAW MATERIALS FOR GRP LINING

Glass Fiber - Chopped Strand Mat (CSM)

Resin - Orthophalic Polyester Resin NCS 985 PA

Catalyst - Norpol MEKP

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METHOD OF STATEMENT GRP LINING

GRINDING

After concreting many irregularities on the surface remain and if lamination is carried out on such surface finishing on the outer surface will be inferior. Hence, surface grinding of concrete has to be done, if necessary. This removes all irregularities and the surface becomes clean. Moreover, the grinded surface has more porosity which will ensure a stronger bonding resin

DUST REMOVAL

After grinding, concrete powder and debris accumulate and this has to be removed as it gets entrapped between the lining and the surface. Hence, the concrete surface is to be cleaned

LAMINATION

Process of lamination for open areas of benching:

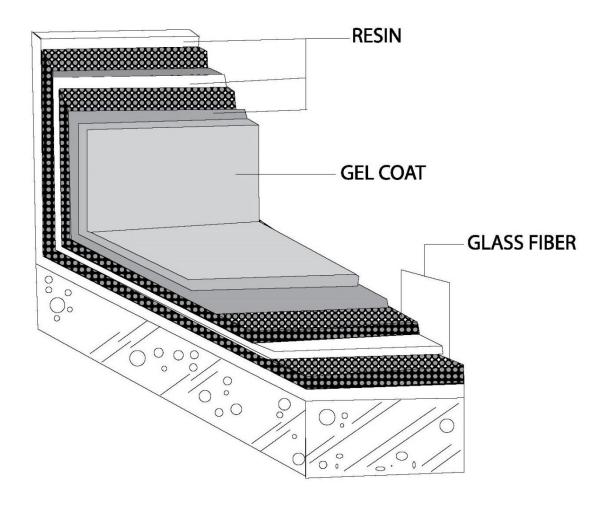
- > After the surface preparation and removal of dust, first coat of resin is applied on the concrete surface. Care is taken to see that the resin fills all voids in the concrete surface so as to avoid the formation of air bubbles.
- > One coat resin is applied on concrete surface. Then first pre-trailed layer of glass fiber (CSM) is placed on the resin applied surface.
- > A woolen roller is used for applying the resin on the mat.
- > Second layer of glass fiber (CSM) is placed over the first layer with resin applied over it.
- > Metallic roller is used to impregnate the lamination and to remove any air entrapment.
- > Sufficient time is allowed for successive glass fiber impregnation to avoid peak exothermic heat.
- > Successive layer is applied on the already impregnated lamination with thickness condition for better bonding between the layers. The procedure is repeated until required thickness is achieved.
- > Finally top coat will be applied on the cured lamination.

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TECHNICAL DETAILS



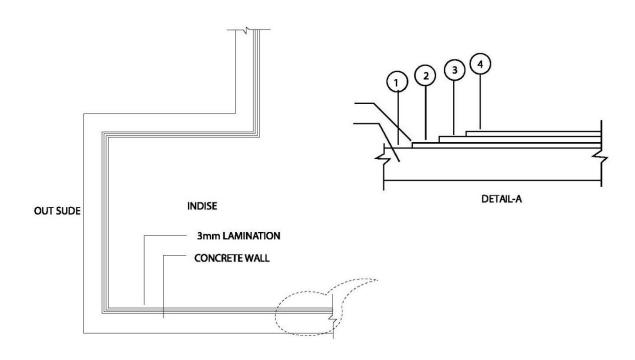
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TECHNICAL DETAILS

GRP 3 mm LAMINATION



METHOD OF STATEMENT OF GRP LAMINATION

- 1. First layer filling putty and applying resin coating above RCC wall
- 2. Second layer apply fibre mat with resin
- 3. Thrid layer apply fibre mat with resin
- 4. Fourth layer applying white gelcoat for filling the pin holes

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WAREHOUSE & METAL ROOFING SYSTEM



A metal roof, often referred to as a tin roof, is a roofing system made from metal pieces or tiles. It is a component of the building envelope and often used to cover large buildings because of their high strength to weight ratio. Metal sheet roofs are very affordable, durable, and quick to install, which makes their use extremely popular in the construction of commercial and industrial buildings. The major problem with metal roofs in warm weather is that they absorb and retain enormous quantities of heat. In non-air-conditioned buildings, this translates directly into high building envelope heat loads, temperature and moisture build-up. In air-conditioned buildings, it means higher energy costs as the air-conditioning has to fight the heat that builds up during the day, even when the sky is overcast (ultraviolet rays, the major source of heat from solar radiation, will penetrate clouds). Because buildings with metal roofs are hotter than the things around them, they contribute to the urban heat island effect. A metal sheet roof in tropical countries, for example, can reach a temperature above 75 oc I 167 of and the second major problem is the leakage throughout the seams and joints will

cause serious deterioration, rust, corrosion and severe structural damage.

Therefore care must be taken with all metal roof products by using many different types of coatings & Insulation methods such as :

• Spray polyurethane Foam • Polyurethane Liquid UV resistant • Acrylic Coating

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PILE HEAD TREATMENT SYSTEMS



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A pile cap is a thick concrete mat that rests on concrete or timber piles that have been driven into soft or unstable ground to provide a suitable stable foundation. It usually forms part of the foundation of a building, typically a multi-storey building, structure or support base for heavy equipment. The cast concrete pile cap distributes the load of the building into the piles. A similar structure to a pile cap is a "raft", which is a concrete foundation floor resting directly onto soft soil which may be liable to subsidence.

The Advantage of Pile Head/Cap Treatment:

The Pile Head Treatment is the final working step of a successful piling and foundation system. Every pile has to be protected against chloride and sulphate attacks on the reinforcement caused by the soil and groundwater. It also has to assure that there will be no passage of water from the ground to the substructure. A proper designed system shall includes:

Re-profiling, waterproofing and full encapsulation of the entire pile head to assure that each and every structure is based on a long lasting and safely built foundation.

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LIGHT WEIGHT FOAM CONCRETE SERVICE



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Foam concrete is a type of porous concrete.

According to its features and uses it is similar to aerated concrete

The synonyms are:

- aerated concrete
- light weight foam concrete
- porous concrete

Foam concrete is created by uniform distribution of air bubbles throughout the mass of concrete. Foam concrete is produced by mechanical mixing of foam prepared in advance with concrete mixture, and not with the help of chemical reactions. Foam is prepared in special device - foam generator and after that mixing in special mixer. (For example machine Fomm-Prof consist from special mixer and foam generator mounting together).

Foam Concrete is normal concrete with bubbles of air inside. Therefore it has the same characteristics with many additional advantages. Also CLC can be produced and poured for floors and roofs on-site. In roofs it can be used because of very good insulating and lightweight. For floors CLC offers faster installation and a less expensive option because of the flowing and self-leveling properties.

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FOAM TABLE

Dry Denicity Kg/cqm	Sand Kg	d/ Cement Kg (ratio)	Edomda Foam Liquid F/A	Water Litre	Foam Litre	Thermal Condutivity Kcal/sq.mhc	Compressive Strength (28 days) Kg/Sq/cm	Principal Applicatioon
350 400 450		300(-) 340(-) 375(-)	1.15 1.12 1.09	130 145 175	840 830 780	0.070 0.084 0.90	10.8 16.7 17.6	8 General Thermal and Dcoustic insulation. Termal insulation for flat rooting with required gradient
500 550 600	-	425(-) 455(-) 510(-)	1.06 1.04 1.00	200 205 220	775 770 760	0.095 0.100 0.115	19.6 24.5 29.4	Light weight curtain wall blocks for instruction
700	3 2 0	320(1/1)	120	150	770	0.130	20.6	Interal partition wall blocks and Panels
800	3	365(1/1)	1.12	160	765	0.150	33.3	
900	5 4 1 0	410(1/1)	1.03	190	700	0.175	35.3	



SYSTEM / EPOXY FLOURING / GRP LINING / PAINTING

WEPO.BAXRE Male: Aquatite insulation



WATERPROOFING

An area within a building supplied with a floor waste, and the advantage of the waterproofing systems are to prevent moisture entering the substrate or adjacent areas and graded to floor wastes to dispose of water without ponding.

A lack of waterproofing maintenance leads to:

- 1. Unnecessary and often extensive repairs
- 2. The costly replacement of waterproofing
- 3. The deterioration of properties
- 4. Possible structural damage
- 5. The frustration the "nuisance" value
- 6. Damage to internal property (valued paintings, carpets, wooden flooring etc.)
- 7. Insurance companies unwilling to cover claims (as said to be preventative maintenance) Recommended used materials:
- Cementitious Coating
- Acrylic Coating
- Polyurethane Liquid Coating
- Liquid Membrane Coating

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CEMENTITIOUS & FIBRATED WATERPROOFING



Cementations systems generally are available as ready to apply. The two components systems consist of a resin base which is normally an acrylic copolymer with water proofing properties and a cementations powered roller or by spray. A fabric scrim we suggested over expansion joints to protect the layer from tensile thermal expansion on the roof. Cementations systems are also applied over spray applied polyurethane thermal insulation as a protective layer, as these systems possess high resistance to UV rays. Since application skills require are minimum, they highly popular among maintenance contractors. However, it should be noted that the waterproofing and durability membrane and care should be exercised in choosing one with adequate co-polymer content.

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WATER TANKS & SWIMMING POOLS



When constructing a new water tank or swimming pool, it is possible to apply the waterproofing system to the internal (negative) or external (positive) side of the wall. In many cases, combined systems are specified to provide enhanced protection. Our clients can avail from us water tanks & swimming pools waterproofing services. These services help in enhancing the life of the water tanks/swimming pools by avoiding water from damaging the walls. Our skilled workers perform two chemical coat systems with fiber mesh on the tanks/swimming pools. The coating done is highly insoluble in the water.

These services are accomplished in less time period and come with a warranty of five years.

Recommended used materials:-

- Cementitious Coating
- polyuria spray
- Epoxy Polysulfide Coating

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INDUSTRIAL FLOOR COATING



Car Park Epoxy coating I - Heavy duty Polyurethane coating I - Slip Resistance coating I Expansion Joints I -Sealant.

Epoxies are polymer materials that begin life as liquids and are converted to the solid polymers by a chemical reaction. An epoxy based polymer is mechanically strong, chemically resistant to degradation of the chemical elements in the solid form and highly adhesive during conversion from liquid to solid. There are a wide range of basic epoxy chemicals from which an epoxy system can be formulated.

Epoxy coating is used indoors where a hard, very durable paint surface is needed. It's commonly used, therefore, for flooring (and/or walls) in garages (both commercial and res idential), factories, shops and other high-traffic areas.

There are, however, several different types of epoxy/ Polyurethane floor coating to choose from:

- Epoxy Solvent Free coating
- Epoxy Solvent base coating
- Polyurethane UV Resistant Heavy Duty Coating

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PAINTING SERVICE



Interior ceiling and wall painting is a project that's best divided into two: cutting in and rolling. (Having two people do the work is nice — especially if you're not one of them) One person uses a brush to cut in, or outline, all the areas that a paint roller can't cover without getting paint on an adjacent surface. The other member of the team spreads paint on the ceiling and walls with a roller. If the ceiling and walls are the same color, you can cut in both at the same time. Otherwise, work on the ceiling first.

If you're painting with a partner, have the person with the brush start by spreading a 2-inch band of paint on the ceiling, all around its perimeter. Lap marks result if the cut-in paint dries before you blend in the rolled area with the cut-in area, so don't let the outliner get too far ahead of the roller. You also want the roller to roll over as much of the cut-in band of paint as possible. The textures that a brush and a roller leave are quite different.

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INJECTION TREATMENT



SECTION I: GENERAL INSTRUCTIONS

- All materials whether loose or on pallets have to be stored in a covered area and protected from UV and sunlight. Damage to the material may be caused due to improper storage and at high temperatures.
- Application of materials should be avoided in case of extreme weather conditions like sand storm or rain. The ambient temperature during application should be between 5°C and 45°C.

SECTION II: APPLICATION INSTURCTIONS

SURFACE REQUIREMENTS

- Drill the hole adjacent to the crack in 45° angle & adjacent to the pipe penetration.
- In the presence of running water the flow must be stopped using POLYINJECT STOP or POLYINJECT STOP FS which produces rapid setting water-stopping foam. When the water is stopped the cracks are re-injected with POLYINJECT PU+.

WORK PREPARATIONS

• POLYINJECT PU+ is applied as injection resin with using injection packers and 1-C pumps. The injection packers may be fixed into holes drilled directly into the crack or drilled diagonally from concrete adjacent to the crack or by fixing of injection nipples bonded to the surface using POLYPUR F on damp surfaces or POLYPOXY BF on dry surfaces. For further assistance and instructions regarding the packer fixing and design please refer to our Method Statement.

MIXING

• Pour the hardener (component B) into the resin (component A) in the indicated mixing ratio and mix with an electrical mixer (max. 300 rpm) until a homogenous mixture is produced. Assure that the B component is evenly dispersed. Only mix sufficient resin that can be used within the pot life of the material.

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INJECTION TREATMENT

INJECTION

• POLYINJECT PU+ can be injected with using 1-component or 2-component injection pumps. The injection pressure should be at least 4 bars. After the work is finished the injection system shall be allowed to cure for 24 hours and shall be left undisturbed for this time.

CLEANING

• Remove the packers once POLYINJECT PU+ is fully cured and make good any holes or voids with POLYPOXY BF on dry surfaces and allow curing. In case of damp surfaces use POLYPUR F. POLYINJECT PU+, POLYPOXY BF and POLYPUR F should be removed from tools, equipment and mixers with an appropriate solvent immediately after use. Hardened material can only be removed mechanically.

SECTION III: STORAGE & SHELF LIFE

• Store all material between 10 and 25°C in a cool, covered dry place. Do not expose the containers to direct sunlight and keep away from all sources of heat. In tropical climatic conditions, the product has to be stored in an air-conditioned environment and protected from high humidity. The shelf life of the product is 6 months in unopened condition if stored as per the recommendations. Exposure to high temperature and humidity will result in considerable deterioration of the product and reduce its shelf life.

Note: As with all construction chemical products caution should be always be exercised whilst usage. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately and seek medical advice. Should any of the product be accidentally swallowed do not induce vomiting, but call for medical assistance immediately. Ensure that the container is available for medical attendant to examine any relevant instructions and contents details. For any further information please refer to the Material Safety datasheet.

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GENERAL MAINTENANCE



Aquatite Water Proofing and Insulation is specialized water proofing contractors having the honour of your attention to take this opportunity and introduce that we are specialized roofing contractor for water proofing System by offering you a quick overview of our professional past, committed and dedicated present for achieving prosperous future for us and to our valued clients.

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APPROVED APPLICATOR CERTIFICATES

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FAX : 00971 - 4 - 4542161

Flat No. 709, Churchill Executive Tower. Business Bay . P.O. Box # 64077, Dubai - United Arab Emirates

E-mail: sitco@emiratess.net.ae E-mail: sitco@sitco-intl.com

Web site: www.sitco-intl.com

APPLICATOR CERTIFICATE

This is to certify that

AQUATITE WATER PROOFING & INSULATION L.L.C

has been confirmed as an Approved Applicator and has performed spray foam applications as per specifications for the below products of SYNTHESIA

> Spray Foam System 7015 BDM/H25C Spray Foam System 7015-BDM-B3/H25C

Valid From: 1st January, 2020

Validity Period: 1 year

(Subject to periodic site inspections.)

SITCO DIS TIGARET STI (L.L.C)





Approved Applicator Certificate

This is to certify that

Aquatite Waterproofing & Insulation [Abu Dhabi, U.A.E]

Is an approved applicator of our products manufactured in our facility in Ajman,
United Arab Emirates. Their teams of foremen have been trained by our Technical
Department pertaining to the use of our products.

We assure & guarantee that they have the necessary experience and skills to execute work involving products of Bautech Chemical Industries L.L.C

For Bautech Chemical Industries L.L.C,

Authorized Signatory

P.O.BOX: 23054
AJMAN - U.A.E.

P.O.BOX: 23054
AJMAN - U.A.E.

AQUATITE

WATERPROOFING & INSULATION LLC



SERTIFICATE OF APPLICATOR'S QUALIFICAT For Installation o

his is to certify that the following company who's address below

P.O. Box: 47421,ABU DHABI, U.A.E.

AQUATITE WATERPROOFING & INSULATION L.L.C.

Are approved applicator's of SOPREMA's waterproofing material and systems in the United Arab Emirates

This certificate is valid for 1 year as of issuance date below





January 01, 2020

Date of Issue

echnical Director Medhat Daniel

SERVICES: PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

ó.



OUR VALUBLE SUPPLIER'S







































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COMMERCIAL LICENSE

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Commercial License

رقم الرخصة License No CN-2890786 عضوية الغرفة **ADCCI No** 2611036

1063258 **Establishment Card** وزارة الموارد البشرية والتوطين بطاقة المنشأة MOHRE

708106 الادارة العامة للإقامة وشؤون **Establishment Card** الأجانب - بطاقة المنشأة **GDRFA**

؛ شركة ذات مسؤولية محدودة :Limited Liability Company الشكل القاتوني Legal Form

: اكوا تايت للعزل وتسرب المياه ذ.م.م الإسم التجاري

Trade Name : AQUATITE WATER PROOFING & INSULATION L.L.C.

Establishment Date 09/10/2019 تاريخ تأسيس المنشأة

Issue Date تاريخ الإصدار 09/10/2019

Expiry Date تاريخ الإنتهاء 08/10/2021

شریك Partner	الإمارات العربية المتحدة United Arab Emirates	محمد يوسف ناصر جاسم الزعابي MOHAMED YOUSUF NASER JASSEM ALZAABI	41806662
شریك Partner	الهند India	راجهافان سانكاران مانكاران كوتى ناير RAGHAVAN SANKARAN SANKARAN KUTTY NAIR	41806663

Commercial Activities :

Address

الأنشطة التجارية

- False Ceiling And Light Partitions Installation

- تركيب الأسقف المعلقة و القواطع الخفيفة

- Installation of insulation materials in buildings and facilities

- تركيب المواد العازلة في الأبنية والمنشأت

: جزيرة ابوظبي, شرق ٣ . ٠ : ~ السيد مبارك مانع سعيد احمد

العتوان

(تم تحصيل رسوم خدمات الدفاع المدنى)

وثيقة معمدة وصادرة بدون توقيع أو ختم من دائرة التنمية الإقتصادية - أبوظبي. للتحقق من صحة البيانات الواردة في الرخصة برجاء زيارة الموقع http://www.ded.abudhabi.ae Approved document issued without signature or stamp by the Department of Economic Development - Abu Dhabi. To verify the license kindly visit http://www.ded.abudhabi.ae

Official Email

Aquatiteinsulation@gmail.com

البريد الإلكتروني الرسمي : رقم التواصل الرسمى

Official Mobile

+971 564228560







CONSULTANT APPROVALS

<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

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Ref SC-Civil-001			Outsourcing Proposal		Date	Date 24-Apr-20					
Client	Abdul Ali H	assan Villa Ri	D 11	Consultant	Abdoul Rahim Al Consulta		Contractor EGY AXIS GEN. CONTRAC			NTRACTING	
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WINTER GEN.CONTRACTING SOLE PROPRIETORSHIP LLC



Been Anny	e en en meren en e		AQUATITE
		WORK INSPECTION REQUEST	
CONSU	LTANT : AL KHAIL ENGG.	CONSULTANTS LLC	
MAIN C	ONTRACTOR : WINTER GENERA	AL CONTRACTING-SOLE PROPRIETORSHIP LLC	
	NTRACTOR : AQUATITE WATE		
PROJEC			
SCOPE (OF WORK : ROOF COMBO W	ATERPROOFING	
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SNO		DESCRIPTION	REMARKS
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-	- Guarantee le	rtificate 25 years.	is required.
	STATUS		
	STATUS BAR :		
	A = APPROVED	8 = APPROVED WITH COM	MENTS COLUMN
	C = REVISE & RESUBMIT	D = REJECTED	Tel. 02 st. Line AL KHANLE

NAME:
SIGN.
DATE:

NAME:

NAME

<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

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PROJECTS LIST

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PROJECT: MUSHRIF VILLA

Scope of work: Wet Area Waterproofing Main Contractor: Trust Square Gen. Cont.

CONSULTANT: MOHAMMAD AHMED MAHMOOD ENGINEERING

CONSULTANT



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PROJECT: NAHEL FARM VILLAS

SCOPE OF WORK: WET AREA WATERPROOFING & CEILING

FOAM INSULATION

MAIN CONTRACTOR: AL JAWA HOLDING



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PROJECT: EMDAD WAREHOUSE IN MUSSAFFAH

Scope of work: Ceiling Foam Insulation

MAIN CONTRACTOR: DOMINANTA METAL CONSTRUCTION





<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

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PROJECT: AL BAHIYA VIP VILLAS

Scope of work: PU Foam spraying with acrylic top

COAT

MAIN CONTRACTOR: EMIRATES PEARL CONTRACTING





PROJECT: EMIRATES PEARL PROPERTY

SCOPE OF WORK: COMBO ROOF WATERPROOFING

CONSULTANT: AL RAHBA

LOCATION: 400m², SHAMKHA 21, ABU DHABI



<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

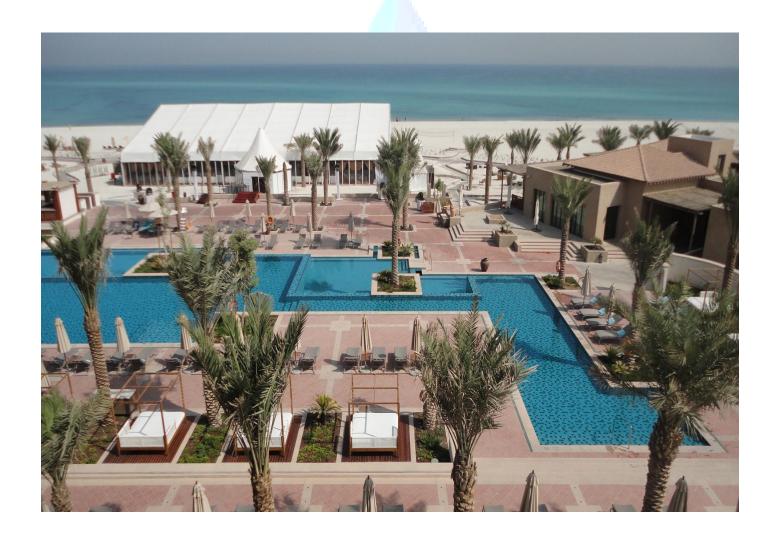
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PROJECT: VILLA AND VIP CHALETS

SCOPE OF WORK: COMBO ROOF WATERPROOFING

LOCATION: 2000m², YASAT ISLAND, ABU DHABI.



<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

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PROJECT: SECURITY BUILDING/YASAT SLAND

SCOPE OF WORK: COMBO ROOF WATERPROOFING

MAIN CONTRACTOR: AREEJ AL DAR GEN. CONT.

LOCATION: YASAT ISLAND/ABUDHABI



<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

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PROJECT: VIP MAJILIS

SCOPE OF WORK: ROOF CONVENTIONAL WATERPROOFING

CLIENT: CROWN PRINCE COURT

LOCATION: YASAT ISLAND/ABUDHABI



<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

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PROJECT: RESIDENTIAL VILLA

SCOPE OF WORK: COMBO ROOF WATERPROOFING

MAIN CONTRACTOR: SIRNDIB GEN. CONTRACTING

LOCATION: SHAMKA SOUTH, ABUDHABI



<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

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PROJECT: NAHEL FARM 9 VIP VILLAS

SCOPE OF WORK: PU FOAM INSULATION IN CEILING

MAIN CONTRACTOR: AL JAWA HOLDING

LOCATION: NAHEL FARMS, AL AIN



<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

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PROJECT: III - RESIDENTIAL VILLA

SCOPE OF WORK: COMBO ROOF WATERPROOFING

MAIN CONTRACTOR: WINTER GEN. CONTRACTING

LOCATION: SHAMKA 21, MAHAWI, MBZ CITY



<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

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PROJECT: WAREHOUSE/OFFICE BUILDING AT MUSAFFAH

SCOPE OF WORK: ROOF COMBO WATEROROOFING

MAIN CONTRACTOR: EGY AXIS GEN. CONTARCTING

LOCATION: MUSAFFAH M-9, ABUDHABI



<u>SERVICES:</u> PU FOAM SPRAY / MEMBRANE WATER PROOFING / COMBO ROOF SYSTEM / EPOXY FLOORING / GRP LINING / PAINTING

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PROJECT: VIP VILLAS

SCOPE OF WORK: ROOF COMBO WATEROROOFING

MAIN CONTRACTOR: EMARAT EUROPE

LOCATION: YASAT ISLAND, ABUDHABI

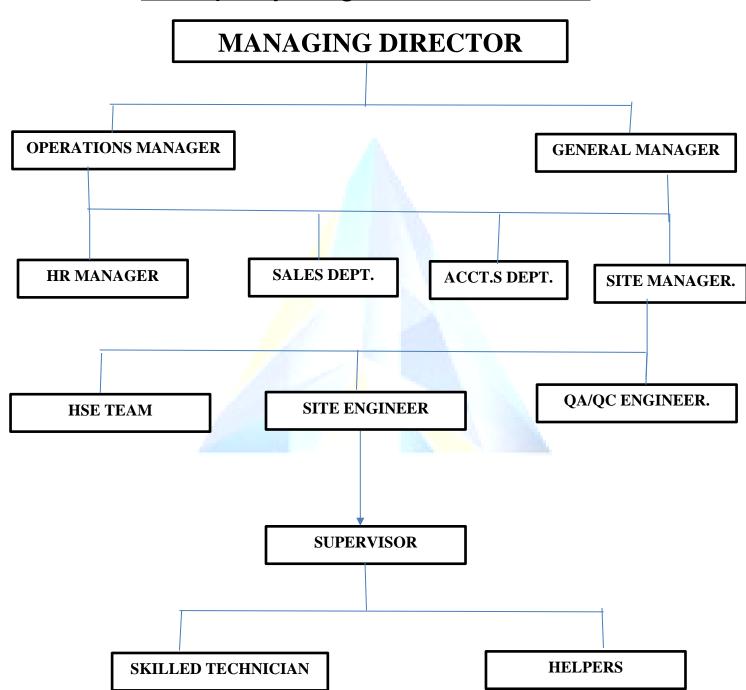


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Company Organization Chart



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