



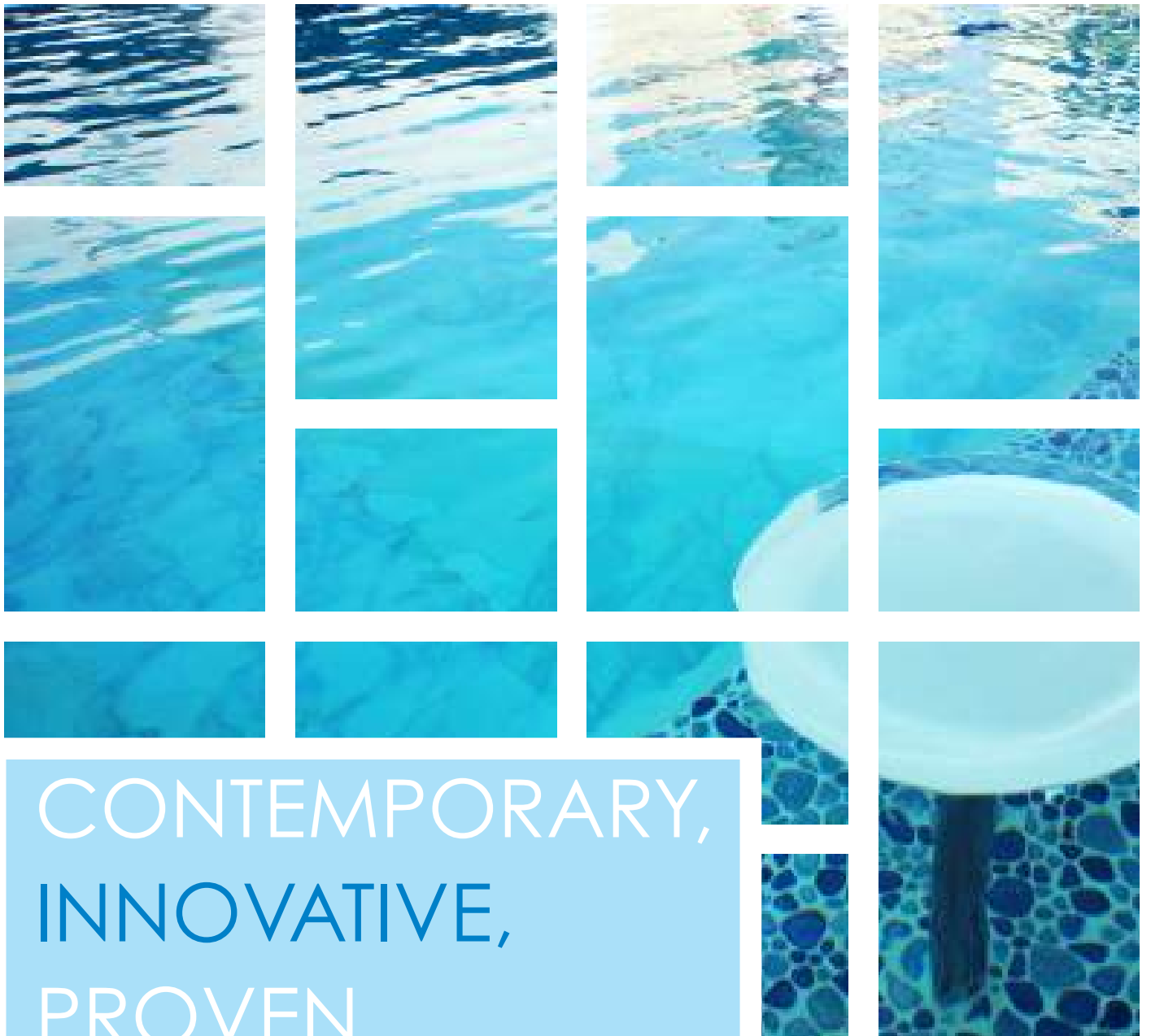
# aquatecture

by absolute

the expression of water in design



## profile



CONTEMPORARY,  
INNOVATIVE,  
PROVEN



SHARE OUR PASSION

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# welcome to aquatecture

by absolute

We call it aquatecture: the expression of water in design, in the engineering of pools be they swimming pools, water features or specialist spa pools.

The aquatecture Design division delivers our expertise and experience as a Specialist Design service on an independent consultancy basis for architects, clients and operators.

We have a passion for pools that is driven by a desire to create great in-water experiences.

Our services are used on an international basis and in specialist fields such as Beach Resort pools and for Spa Wet-Areas. We are proud to have contributed to the in-house pool design standards of several major operators and to industry design standards.

This document provides data on our Organisation, our Approach and on our Experience.

We hope that aquatecture may be of service to you.



## what we do

We call it aquatecture: the expression of water in design in the engineering of pools, be they swimming pools, water features or specialist spa pools. 'bringing pools to life' is our passion.

Pools and Water Features are an integral part of the overall architectural approach. In the outdoor areas of a resort or hotel they are a core component of the Landscape design.

For indoor pools and specialist Hydro Pools in the Spa 'wet-area' they are a core component of Spa design.

As such our Specialist Design services invariably go hand-in-hand with the Landscape architect or Spa consultant.

Our company's whole focus is pools and our aquatecture Design division delivers our expertise and experience in this area as a Specialist Design service on a consultancy basis for architects, clients and operators.



## who we are

We are a member of the absolute Group which has a focus on pools and water features.

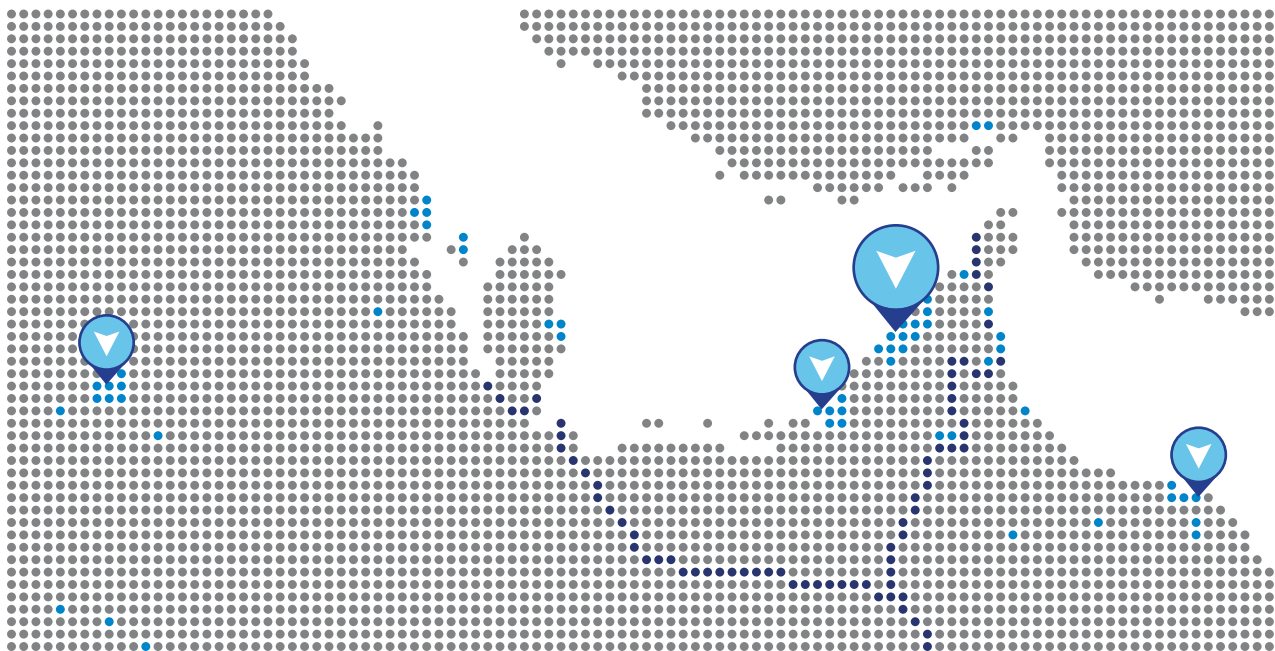
absolute-pools is the corner stone of the Group and is a specialist pool services provider with a range of operations, including Design & Build, manufacturing, supply and installation and specialist contracting services.

Our aquatecture services are delivered through a fully resourced Specialist Design division with appropriate PI Insurance, the latest CAD technical support and an effective, skilled design team, whom we consider the driving force behind our delivery. Our team comprises Design Engineers covering MEP and structural design and with experienced CAD personnel.

Where required, we collaborate on an international basis with specialists in areas such as electronic software for inter-active water feature control, thematic experts for show features etc.

## where we are

We are based in Dubai with regional offices in Muscat, Abu Dhabi and Riyadh. Our focus is on projects across the Gulf region. We also work with lead designers based in the region for design of projects on an international basis.









## what is our design philosophy?

Our design philosophy has several key elements:

1. We seek first to understand as fully as possible the vision of the client and other stake holders and the intent behind the Pools and Water Features as an element of firstly, the overall Design and, specifically, as a part of either the Landscape Design or Spa Design.

We are particularly sensitive to local cultural issues, where relevant and our experience in the region often provides us with valuable input from this perspective.

2. Safety and function are at the core of good pool design and aesthetics must dictate only after these technical requirements are met.
3. We seek to deliver pools and water features that reflect industry best-practice, that are designed to meet local environmental requirements and which reflect sustainable design considerations.
4. Well engineered design is at our core. Good engineering is good design when it comes to aquatecture.
5. We take a responsible attitude to Value-Engineering approaches and keep in mind the commercial requirements of a project.
6. We seek to ensure that our designed work will provide low-maintenance, energy efficient solutions when in use.
7. We understand the importance of a collaborative approach with other consultants in order to deliver client expectations. In addition to Landscape architects and Spa consultants, we co-ordinate closely with MEP consultants and Interior Designers.
8. We work to a standard and not to a price:
  - Once engaged, whatever the commercial terms agreed, we work to industry best practice and maintain professional standards of service and delivery at all times.
9. We think the design process should be professional and well considered but that it should also be fun and innovative.

# how do we approach the design process?

## 1. Concept Design

Generally requires developing Pools & Water Features in theme with the overall concepts of a given resort or hotel and the vision for the Project.

The pools and water features are an integral part of the overall architectural and landscaping design approach and accordingly require the necessary co-ordination with these disciplines.

Similarly, where pools are part of a Spa design they are integral to the 'wet-area' delivery and require a close understanding of Spa design and intent.

## 2. Schematic Design

Requires providing fully dimensioned drawings produced to ensure a workable schematic design with water features to the required scale and the pools, in particular, sized to suit the anticipated bathing loads and activity requirements.

An essential (often overlooked) element of pool & water feature design is to ensure appropriate plant room spaces are provided in the most suitable locations for cost-effective performance. The provision of MEP services is a critical aspect of ensuring effective design.

## 3. Detailed Design

Requires developing the design in accordance with a core Performance Specification that establishes fundamental technical criteria.

These criteria begin with safety and user experience. For finishes, the technical suitability of material types will take precedence over ID recommendations based purely on aesthetics.

(NB: Finishes should therefore be within our scope rather than the ID consultant.)

## 4. Working Drawings / Tender Documents

May require a detailed Technical Specification on a prescriptive (how to) as well as performance criteria (what to) achieve basis. It further will include Bills of Quantities in support of Working Drawings.

Further, this phase will allow for assistance in tendering the works and technical evaluation of bids.

## 5. Construction Supervision

The construction supervision phase requires the necessary attendance to ensure the design is implemented correctly by the appointed specialist contractor(s).

This may take the form of co-ordination and consultation (email/ phone/video conferencing) with us off site to ensure the project construction management/supervisory team has access to our technical support, as and when required. And/or it may require attendance of our personnel during construction, either part or full-time.

We highly recommend our on-site supervision where works require a fast-track approach as this increases the need for vigilance to ensure standards, specification compliance and quality are not compromised in the desire to meet programme deadlines.

## 6. Fast-Track Design

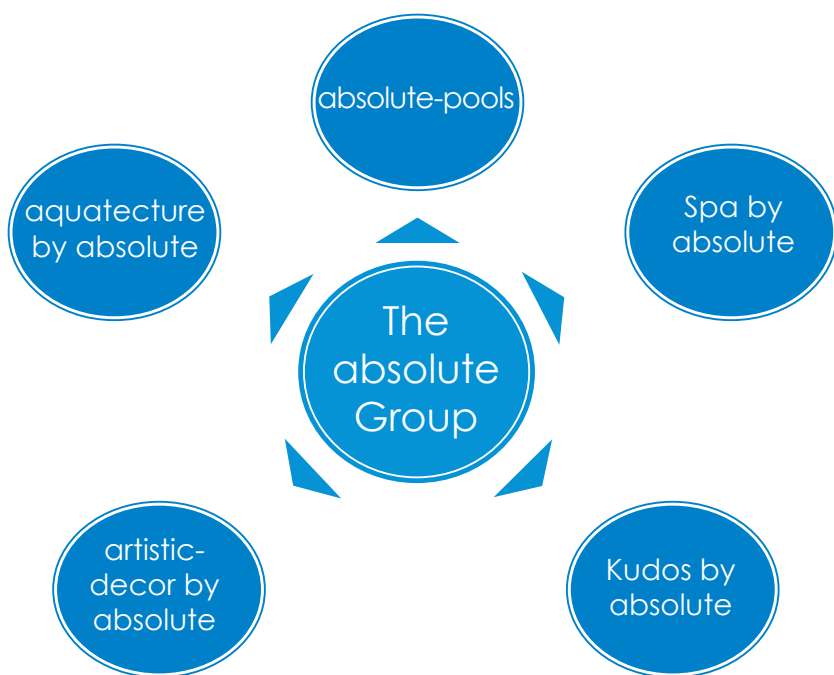
We are mindful of the fast-track nature of many projects and the need to work closely and in parallel with other disciplines. We have considerable experience of such situations which can prove invaluable in the closing phases of design delivery.







The absolute Group serves hotels and resorts, the real estate developer and the home owner. Our focus is pools and water features and a range of associated services.



#### absolute-pools:

A specialist provider of pools and the corner stone of the Group.

#### Spa by absolute:

Aqua-thermal experiences for the spa 'wet-area.'

#### Kudos by absolute:

Premium Outdoor Furniture

#### artistic-decor by absolute:

Bespoke artistic finishes



over 2000 pools worldwide





project portfolio



# A SELECTION OF DESIGN PROJECTS

Project	Client	Lead Consultant/Contractor	Scope Of Services	Activity
Hilton Salwa Beach Resort & Villas, Qatar	PEO/ Al Rayyan Investments, Qatar	KEO	Direct appointment by UTC but novated by lead consultants as a member of the design team, collaborating, in particular with the landscape architects	Largest beach resort property in the Middle East. Aquatecture designed 93 No. of pools & 198 No. of water features
Four Seasons, Jumeirah Beach Resort, Dubai	BSBR	NRI NEW YORK	Sub-consultants for the pool engineering design (subsequently awarded build for complete design & build)	Design of indoor swimming pools, vitality pools.
Fairmont, The Wave Muscat	The Wave Muscat	WILSON/DFL	Direct appointment to TWM, led design team in collaboration with DFL & BLU SPAS	Complete design of the spa & associated indoor & outdoor pools
Private Beach Villa, Jumeirah	Private	AE7	Design of pool and water features for a palatial beach side residence.	Design from concept to contract documents.
Various Small To Medium Sized Design Projects	Various	SHAMSI TERRA FIRMA	Sub-Consultants to landscape architects	Various Small To Medium Sized Design Projects
Various Small To Medium Sized Design Projects	Various	LMS INTERNATIONAL	Sub-Consultants to landscape architects	Various Small To Medium Sized Design Projects
Various Specialist Pool Projects For Spa “Wet-Areas”	Various	DFL/SCHLETTNER/B+W	Sub-Consultants to spa consultants	Various Specialist Pool Projects For Spa “Wet-Areas”



## A SELECTION OF DESIGN & BUILD PROJECTS

Project	Client	Lead Consultant/Contractor	Activity
Down Town Burj Dubai, Dubai	EMAAR	Mirage Mille/ Al Naboodah Laing O'Rourke ( ANLOR)	10 pools and 108 Spas for luxury apartments in High Rise Locations
Atlantis, The Palm Dubai	Kerzner Istithmar	Wilson/Raison d'Etre Al Naboodah Laing O'Rourke (ANLOR)	Vitality Pools and Couples Bath, "Wet Area" Pools, Sauna & Steam rooms
Up Town Motor City, Dubai	Union Properties	Burt Hill/ Al Futtaim Carillion	Multiple, Large Community Swimming Pools
Kempinski Hotel and Residences, Palm Jumeirah, Dubai	EPG Hotels and Resorts	WS Atkins/ Habtoor Engineering Enterprises	Design Supply and Installation of 72 multiple pools and spas in low rise apartment terraces and beach-front villas
Jumeirah Park, Dubai	NAKHEEL	Dar Al Handasah/Pauling ME	Supply & Installation of 780 pools for villas
Millennium Resort Hotel, Oman	OMRAN	Cracknell	Design, Supply & Install Main, Infinity, Ladies only & kids pools on fast-track basis
Emirates Golf Club Dubai	Wasl Asset Management Group	Arch Group / Herald Contracting	Supply & Installation of 80 pools for golf club villas
St Regis Saadiyat Island Resort, Abu Dhabi	Tourism Development and Investment Co	LMS International/ Mirage Mille/ Habtoor Murray and Roberts	Design, Supply and Installation of 32 Signature villa swimming pools & specialist Spa pool
Saadiyat Beach Villas	TDIC	Al Jaber Building LLC	Full Design & Build responsibility of 47 No. Premium Villa Private Pools



the expression of water in design



[www.aquatecture.design](http://www.aquatecture.design)

Abu Dhabi • Dubai • London • Muscat • Riyadh