

Microcement Saudi Arabia – Comprehensive Guide to Seamless, Waterproof Finishes

Introduction: Microcement Saudi Arabia

In the rapidly evolving world of architecture and interior design, **microcement** has emerged as the material of choice for creating seamless, high-performance surfaces. Across **Saudi Arabia** — from Riyadh to Jeddah and beyond — designers, developers, and homeowners are embracing the refined strength and minimalist beauty of microcement for modern interiors, outdoor living areas, and wellness spaces.

Whether you're renovating a boutique hotel or specifying finishes for a high-traffic cultural center, **microcement in Saudi Arabia** delivers unmatched durability, water resistance, and contemporary aesthetics. Conmarble's advanced resin-modified systems — **Microdur Plus**, **Microrock**, and **Micropool** — go far beyond traditional polymer-based alternatives. They provide built-in waterproofing, superior adhesion, and hand-applied finishes engineered specifically for the region's climate and design expectations.

This guide introduces everything you need to know about microcement: its definition, performance advantages, resin-based innovations, and why Conmarble is setting the standard for **microcement in Riyadh** and across the Kingdom.

What is Microcement?

Microcement is a high-performance, continuous coating made from cement, resins, mineral fillers, and natural pigments. It is applied in ultra-thin layers (usually 2–3 mm total) to create seamless, durable, and visually striking surfaces. In Saudi Arabia, especially in fast-growing design hubs like Riyadh, microcement has become the go-to solution for both new builds and renovations due to its minimal thickness, strong adhesion, and intrinsic waterproof properties.

Unlike tiles or conventional cement screeds, microcement eliminates joints and grout lines, resulting in a clean, uninterrupted finish on floors, walls, stairs, furniture, and even pools. It can be applied directly over most existing substrates — concrete, ceramics, plasterboard, or stone — without the need for demolition. This makes microcement especially attractive for fast-track renovations and retrofits, where it can modernize a space without lengthy downtime.

At Conmarble, we exclusively apply next-generation **resin-modified microcement** systems manufactured by Cemher — a global leader in advanced decorative coatings. These systems include:

- **Microdur Plus** – a resin-based microcement ideal for seamless flooring, walls, and wet areas.
- **Microrock** – a high-compression, ultra-durable finish engineered for heavy-traffic zones and exteriors.

- **Micropool** – a fully waterproof microcement developed specifically for swimming pools, spas, and terraces.

By combining Cemher's cutting-edge material technology with Conmarble's artisan-level application, clients across Saudi Arabia receive surfaces that are elegant, robust, and tailored to the region's demanding environments.

Whether in a modern villa, a luxury spa, or a busy public venue, **microcement in Saudi Arabia** is transforming how spaces are finished — with no grout lines, no moisture issues, and endless aesthetic possibilities.

Microcement Composition & Features

What makes Conmarble's resin-modified microcement systems stand out in Saudi Arabia is their advanced composition and technical resilience. Unlike conventional polymer-modified microcements (which rely on topical sealants and can be vulnerable to moisture ingress), the Cemher-manufactured systems we use are **resin-modified at the core** — ensuring full-depth waterproofing, superior strength, and structural integrity in every layer.

Our three flagship systems each have specialized formulations:

- **Microdur Plus** – A three-component microcement system with exceptional compressive strength (over 60 MPa) and adhesion ($>6 \text{ N/mm}^2$). It's designed for seamless floors, walls, and bathrooms where water resistance and heavy foot traffic are critical. Microdur Plus is intrinsically waterproof throughout its matrix, so it doesn't depend solely on a sealer to keep out moisture. Its resin modification also allows greater flexibility and bond strength, enabling it to be applied even over challenging substrates like old tiles without a separate bonding bridge.
- **Microrock** – Our toughest finish for extreme conditions. With compressive strength exceeding 80 MPa and a high-density two-component makeup, Microrock is engineered for high-traffic commercial spaces, gyms, exterior walkways, and industrial-style interiors. It does not crack or stain and offers excellent UV resistance, making it ideal for the punishing heat, sand, and thermal cycling of Gulf outdoor environments. Microrock's resin-rich composition gives it high elasticity and adhesion, ensuring it remains firmly bonded and intact under heavy use.
- **Micropool** – A resin-infused, intrinsically waterproof microcement tailored for full water immersion. Micropool is chemically tuned for swimming pools, jacuzzis, fountains, and spa areas. It incorporates flexible, fiber-reinforced layers and vapor-permeable technology to prevent blistering or delamination when submerged. This system does not require additional waterproofing membranes; once applied (typically in three coats plus sealer), it creates a continuous waterproof envelope that withstands chlorine, salts, and hydrostatic pressure.

Key Features of Conmarble's Microcement Systems:

- **Waterproof Through the System:** Unlike standard microcements that only become water-resistant after a surface sealer is applied, our resin-modified microcements are fully waterproof from base to finish. Every layer is water-repellent, providing unmatched protection in damp environments (bathrooms, pools) and ensuring that even if the topcoat is scratched, the material beneath remains unaffected.

- **High Adhesion:** Conmarble's microcement binds tenaciously to concrete, tile, plaster, drywall, or wood without special primers or mesh in most cases. With adhesion strengths measured above 6 N/mm², the risk of delamination or peeling is virtually eliminated — even under thermal stress or outdoor weather changes. This means you can overlay existing surfaces (even old tiles or marble) with microcement, saving time and avoiding demolition.
- **Seamless & Thin:** Because microcement is applied in very thin coats (usually 2–3 mm total thickness), it adds almost no height to floors or walls. This ultra-thin application allows for continuous surfaces with no joints, and it won't significantly alter floor levels or door clearances. The result is an uninterrupted, joint-free look that is both visually clean and hygienic (no grout lines for dirt or mold to accumulate).
- **Mechanical Strength:** Despite its thin profile, resin-modified microcement has impressive mechanical properties. Microdur Plus and Microrock have compressive strengths on the order of 60–80 MPa (comparable to high-strength concrete), and very high surface hardness (>200 N/mm² for Microdur Plus). They resist scratches, impacts, and abrasion, making them suitable for high-traffic retail and public spaces. The systems also incorporate flexibility to absorb minor substrate movements, so they won't develop hairline cracks the way more brittle cement coatings might.
- **Climate & UV Resistance:** Our microcements are formulated for the Gulf climate. They can handle Saudi Arabia's temperature extremes and humidity without warping or delaminating. They are also UV-stable (especially important for exterior facades or terraces), so colors won't yellow or fade under intense sun exposure. This durability in harsh conditions translates to finishes that look and perform like new for years.
- **Low VOC & Eco-Friendly:** All Conmarble microcement products are low-VOC and solvent-free, certified A+ for indoor air quality. They meet international green building standards (LEED v4.1, BREEAM) for healthy materials. Because the systems are largely cement and mineral based with water-based resins, they emit no noxious fumes and contribute to a healthier indoor environment — a crucial factor for wellness centers, homes, and any enclosed space.

In summary, Conmarble's resin-modified microcements marry **technical performance** (waterproofing, adhesion, strength) with **design performance** (seamlessness, thinness, beauty). This advanced composition is what allows them to excel where traditional microcements might fail.

Comparison: Resin-Modified vs Traditional Microcement

Not all microcement systems are created equal. The differences between traditional polymer-modified microcement and Conmarble's modern resin-modified systems are critical — especially when it comes to long-term performance in the harsh and variable climate of Saudi Arabia.

Most conventional microcements rely heavily on surface sealers to achieve water resistance. The base material itself may still be porous, so if the sealer wears down or micro-cracks form, moisture can penetrate. Over time, this leads to issues like delamination (coating peeling off), dark spots from moisture, mold growth underneath, or failure in wet areas. In high-humidity or submerged conditions (like a steamy bathroom or a fountain), these older systems often cannot cope, resulting in blisters or loss of adhesion.

In contrast, Conmarble's **resin-modified microcement** — **Microdur Plus**, **Microrock**, and **Micropool** — are engineered to be waterproof throughout the entire matrix. Even if the top surface gets scratched or years of use cause slight wear, the material beneath is still water-resistant, so the integrity remains intact. Additionally, our systems have far greater flexibility and bonding power, meaning they are much less prone

to cracking or lifting. The result is a finish that performs reliably for the long term, even under the stress of Saudi Arabia's heat, thermal expansion, and occasional moisture.

Below is a quick comparison of **traditional polymer microcement** vs **Conmarble's resin-modified microcement**:

Feature	Traditional Microcement	Conmarble Resin-Modified Microcement
Waterproofing	Surface-only sealing (dependent on a protective topcoat; moisture can infiltrate if sealer is worn or damaged)	Built-in bulk waterproofing (each layer is water-resistant, preventing moisture ingress throughout)
Adhesion	Moderate adhesion; often requires a bonding primer and still may detach if substrate has moisture or movement	Extremely high adhesion (up to 3× stronger); bonds directly to concrete, tile, gypsum, or wood without special primers; no delamination issues
Crack Resistance	Rigid and prone to hairline cracks, especially if substrate moves or temperature fluctuates	Highly flexible and crack-resistant; resin components allow it to absorb structural movements and thermal expansion
VOC Content	Low to moderate (some polymer additives or sealers may off-gas)	0 g/L Zero VOC ; ultra-low emissions for healthy interiors
Application Layers	4–6 layers (including additional waterproof membranes or extra coats of sealer in wet areas)	3–4 optimized layers (complete system with fewer coats thanks to higher performance per layer)
Surface Prep & Compatibility	Limited – may not adhere well to smooth or non-porous surfaces without extensive prep; cannot always go over tiles	Versatile – adheres to almost any stable surface (concrete, stone, tile, metal, gypsum) after basic cleaning/priming; ideal for overlaying existing finishes
Maintenance	High – needs periodic resealing to maintain waterproofness; grout lines (if any) require upkeep; more prone to repairs	Minimal – no grout lines to maintain; seldom needs resealing (only optional every few years); generally worry-free upkeep
Lifespan in Wet/ Humid Areas	2–5 years before issues may arise (sealer failure, peeling) in showers, spas, or exteriors if not meticulously maintained	10–15+ years durable performance even in bathrooms, pools, and coastal climates, with proper installation and basic care

Whether you're specifying finishes for a hotel in Riyadh or designing a wellness spa on the Red Sea coast, Conmarble's advanced resin-modified microcement ensures long-term durability, safety, and aesthetic excellence — making us the definitive partner for **microcement Saudi Arabia** projects.

Applications of Microcement in Saudi Arabia

The beauty of microcement lies not just in its minimalist elegance, but in its wide applicability across both residential and commercial environments. In Saudi Arabia, where extreme heat, humidity, and cutting-edge design often intersect, Conmarble's resin-modified microcement systems have been engineered to meet the needs of modern architecture and high-performance spaces. From Riyadh's luxury villas to coastal resorts in the Red Sea, these systems are redefining surfaces with seamless continuity, waterproofing, and durability across a broad range of applications:

- **Microcement Floors:** For interior flooring in homes, offices, showrooms, and retail venues, microcement provides a seamless, durable foundation. **Microdur Plus** is often chosen for floors because of its resistance to foot traffic, abrasion, and cleaning chemicals, making it a superior alternative to traditional tiles or polished concrete. With microcement, expansive floor areas can be rendered as one continuous surface, visually enlarging the space and conveying a high-end modern look. *Used in:* high-end villas in Riyadh and Al Khobar, fashion boutiques and art galleries, museum lobbies, and upscale shopping malls where an uninterrupted floor finish is desired.

- **Microcement Walls:** Applied on walls, microcement creates uninterrupted vertical surfaces with no tile joints or panel seams. This is especially popular for feature walls in living rooms, hotel lobbies, restaurants, and spas, where the smooth or subtly textured finish becomes a statement backdrop. Walls finished in microcement are completely moisture-resistant, making them great for **bathrooms, kitchens**, or even exterior facades. They can be troweled to different effects, from smooth burnished concrete looks to stone-like textures. *Used in:* luxury spa walls, accent walls in contemporary offices, elevator lobby claddings, and even large exterior architectural walls (thanks to UV-resistant properties).

Bathrooms, Showers & Wet Areas Microcement: Because it is 100% waterproof once properly applied and sealed, microcement is an ideal solution for bathrooms, walk-in showers, wet rooms, and hammams. It transforms these wet areas by eliminating grout lines (no more grimy bathroom grout!) and providing a mold-resistant, easy-to-clean surface. **Microdur Plus** is typically used for walls and floors in showers and bathrooms, while **Micropool** can be used for areas with constant water contact. The result is a spa-like continuous finish on shower floors, walls, and even built-in benches or sinks. *Used in:* boutique hotel bathrooms in Riyadh and Doha, luxury spa retreats (such as at Katara Hills Resort in Doha), upscale fitness center locker rooms, and private villa bathrooms where a sleek, unified aesthetic is desired.

- **Swimming Pools & Spas Microcement:** Microcement is revolutionizing pool design in the Gulf. **Micropool**, specifically formulated for submerged use, replaces the need for mosaic tiles or epoxy paints in pools, Jacuzzis, and fountain basins. It creates a continuous lining that is completely waterproof and can include anti-slip texture for safety. Because Micropool allows slight vapor permeability, it prevents the blistering that sometimes occurs with impervious coatings. Pool decks and surrounds can also be done in microcement (using Microrock or Micropool with a textured topcoat), giving a uniform look from pool interior to exterior deck. *Used in:* resort pools (e.g. Meryal Waterpark in Lusail, Qatar, where large lagoon pools and lazy rivers are seamlessly finished in microcement), rooftop infinity pools in Dubai and Jeddah, spa plunge pools, and hammam soaking tubs.

Outdoor Surfaces & Terraces Microcement: Exterior patios, terraces, and courtyards benefit from microcement's weather-resistant, slip-resistant finish. **Microrock** is designed to withstand harsh UV exposure, rain, desert sand abrasion, and thermal cycling without cracking or fading. It's perfect for unifying indoor and outdoor living spaces; for example, a villa's interior floor can extend right out to the pool terrace in one continuous color and texture. Microcement outdoors is also cooler underfoot than dark stone

and can be made non-slip for safety. *Used in:* cafe and restaurant terraces in Riyadh (for a chic, continuous floor that can handle heavy furniture and footfall), outdoor majlis and seating areas in Jeddah coastal homes, water park decks in Doha, and the entertainment decks of projects like **Sindalah Island in NEOM**, where Microrock has been used for durability and style.

- **Furniture, Stairs & Custom Elements:** Conmarble's skilled artisans can apply microcement to more than just stationary floors and walls. We often coat architectural joinery and built-ins, such as reception desks, bar counters, bathroom vanity tops, shelving units, or even entire pieces of furniture, to match the surrounding microcement surfaces. Staircases are another popular application — both treads and risers can be seamlessly finished so that a concrete-look stair appears to be carved from one piece of stone, with no tile nosing. This level of custom finish appeals to designers aiming for a monolithic, sculptural look. *Used in:* sculptural staircases in modern Riyadh residences, continuous microcement kitchen countertops and islands in Jeddah penthouses, built-in seating and planters in Doha hotels, and custom furniture pieces for retail displays.
- **Cultural & Heritage Projects:** Interestingly, microcement's versatility in finish means it's also chosen for culturally significant projects where a specific aesthetic is needed. For example, it can mimic traditional polished plaster or stone surfaces in a contemporary way, which is useful for museum exhibits, art installations, or heritage site visitor centers. Conmarble's microcement (and our sister lime-based finishes) have been used in sacred and cultural spaces like the Islamic Arts Biennale in Jeddah and the Prince Mohammed Bin Salman Nonprofit City's Calligraphy Museum in Riyadh. These projects trust microcement for its natural mineral appearance that can blend with historic design elements, as well as its durability to handle large visitor numbers. *Used in:* mosque courtyards (microcement can cover ablution areas and courtyards with slip-resistant, breathable finishes), gallery floors for art exhibitions, and immersive themed environments where a continuous backdrop is needed.

Conmarble's portfolio in the Gulf showcases these applications in action, highlighting how microcement adapts to various project types and requirements:



At King Fahad Cultural Center in Riyadh, over 9,000 m² of Microdur Plus microcement flooring was installed across high-traffic public areas. The seamless floor design, shown above, incorporates subtle color patterns in a single

joint-free surface – an artistic effect that would be nearly impossible to achieve with individual tiles. This project demonstrates microcement's ability to deliver expansive, creative floor finishes that withstand heavy footfall while maintaining a continuous aesthetic.



At Qatar's Meryal Waterpark, Conmarble applied Micropool microcement in and around the resort's pools and lazy river. In the image above, the pool interior and surrounding deck are finished as one monolithic waterproof surface, eliminating the countless grout lines that a tiled pool would require. This not only enhances the visual serenity of the water but also improves safety (with integrated anti-slip texture) and simplifies maintenance. The Micropool system's performance in a demanding theme park environment — constant water immersion, chlorine exposure, and intense sun — outclasses traditional pool plasters and ensures a longer lifespan for the aquatic attractions.

Advantages of Conmarble Microcement

Choosing Conmarble's resin-modified microcement systems means choosing a finish that balances aesthetics, durability, sustainability, and design freedom. In the demanding climate and visionary architectural context of Saudi Arabia, our products are trusted by top architects, developers, and contractors for their proven performance and visual sophistication. Here's what sets **Conmarble microcement** apart:

Fully Waterproof, Inside and Out: Unlike many traditional microcements that depend on a surface sealer to resist moisture, Conmarble's systems (manufactured by Cemher) are intrinsically waterproof throughout the material. From the base coat to the top finish, each layer repels water. This means even in showers, wet rooms, or spa pools, you have peace of mind that water won't seep through. For example, **Micropool** is formulated for constant immersion in pools and jacuzzis, and **Microdur Plus** can handle daily drenching in bathrooms — all without risk of water damage. Total waterproofing is built in by design.

Seamless & Joint-Free Finish: No grout lines, no seams — just smooth, continuous surfaces that flow across floors, up walls, over stairs, and even onto counters. This seamlessness isn't just about aesthetics (though it creates a stunning, clean look); it also improves hygiene by removing joints where mold, dirt, and bacteria typically collect. In commercial settings like restaurants or hospitals, this means easier cleaning and a more sanitary environment. In residential spaces, it means your floors and walls have a sleek, uninterrupted appearance that makes spaces feel larger and more cohesive.

Superior Adhesion on Any Surface: Conmarble's microcement can be applied over concrete, ceramic tile, marble, terrazzo, plasterboard, even properly prepared wood — all *without* tearing out the existing surface. Our systems have industry-leading bond strength, so they grab onto these substrates and stay bonded through expansions, contractions, and daily use. This saves time and cost in renovations because you can refinish an old tiled bathroom or a dated concrete floor by directly overlaying it, rather than demolishing and rebuilding. Even in thermally active environments (exterior facades under the sun, or indoor surfaces that get sun then shade), our microcement accommodates the movement without losing adhesion.

Sustainable & VOC-Free: We prioritize eco-friendly composition. Conmarble microcements are low-VOC and safe for indoor use, which contributes to healthier indoor air quality. Our Microdur Plus and Microrock formulations are certified to have zero harmful emissions (A+ rating per ISO 16000-6), supporting greener building standards. Additionally, because microcement application is minimally invasive (no heavy demolition, low waste), it aligns with sustainable construction practices. Fewer materials are hauled to landfills, and surfaces can often be renewed rather than replaced entirely.

Extremely Durable & Impact-Resistant: Microcement might look like a delicate plaster, but ours are tough where it counts. With compressive strengths up to 80 MPa (for Microrock) and flexible reinforcement, Conmarble microcement can shrug off the wear and tear of busy commercial environments. It resists scratches from pets, impacts from dropped objects, and abrasion from heavy foot traffic. Chemical resistance is another plus — our sealed microcement won't be harmed by common household cleaners, spa chemicals, or even occasional spills of acidic substances. All of this makes it ideal for retail stores, art galleries, hotel lobbies, and other high-traffic or high-stress settings where lesser finishes would crack or stain.

Custom Colors & Artisan Finishes: With Conmarble, you are not limited to a generic grey floor (unless that's the chic look you want!). We offer a broad palette of mineral pigments — **24 base colors** ranging from warm beiges and earth tones to cool concrete grays and sleek off-whites. These can be blended or even custom-matched to fit a project's design scheme. In terms of finish, our skilled applicators can achieve various textures and sheens: from a soft matte, lightly troweled effect that feels like honed stone; to a satin finish that reflects a bit of light; to a high-polish "micro terrazzo" look. We even have signature custom textures like **Mineral Skin** (a sleek fine-grain finish used in contemporary galleries), **Honed Dune** (a gently honed texture reminiscent of natural stone, great for spa vibes), and **Wadi Cut** (a coarse, sandy texture for outdoor slip-resistance). Every finish is hand-crafted, so each project gets a unique artisanal touch rather than a factory-made uniform look.

Ultra-Thin Application (2–3 mm): Microcement adds almost no thickness to a surface. This is a huge advantage in renovation scenarios. You can overlay an existing floor without raising the levels significantly, meaning you don't usually have to shave doors or adjust threshold heights. Because it's so thin and light, microcement can go places where adding a thick concrete topping isn't feasible (e.g., on upper floors of a building where weight is a concern, or over radiant heating systems). The application process is also relatively quick and clean: no loud demolition, no heavy debris. In many cases, an old surface can receive microcement and be transformed within a week, drastically reducing downtime for the client.

Proven in Landmark Projects: Conmarble's microcement isn't just theoretical — it's been battle-tested in landmark projects across the region. From the **King Fahad Cultural Center** in Riyadh (where thousands of square meters of Microdur Plus cover public halls) to the extensive walkways of **Meryal Waterpark** in Qatar, our finishes are in place and performing under real-world conditions. These high-profile uses testify to the

quality, flexibility, and performance of our systems. When leading architects and project owners trust Conmarble for flagship projects, it's because they know our microcement will deliver both the look and the longevity required.

In short, Conmarble's microcement delivers **seamless surfaces without compromise**. You get the design benefits (beautiful, custom, continuous finishes) *and* the technical benefits (waterproof, durable, eco-friendly) in one package. That combination is why more and more projects in Saudi Arabia and the GCC are turning to microcement as the finishing solution of choice.

Colors & Finishes Available

One of the defining strengths of microcement is its versatility — not just in where it can be applied, but in the looks it can achieve. At Conmarble, we bring **microcement in Saudi Arabia** to life with a curated palette of mineral-rich colors and handcrafted textures that can elevate any surface into a design statement. Whether you're crafting a serene spa retreat in Riyadh or a bold contemporary interior in Jeddah, our range of colors and finishes ensures every project can find its perfect expression.

Color Palette

Our microcement systems (Microdur Plus, Microrock, and Micropool) come in **24 pre-formulated colors** derived from natural mineral pigments. These include popular shades such as:

- *Warm neutrals:* e.g. **Sandstone** (a soft beige) and **Desert Taupe** (a muted khaki) that complement traditional Arabian interiors as well as modern minimalist spaces.
- *Cool architectural grays:* e.g. **Cemento** (classic concrete gray) and **Ash Fog** (a pale grey with a hint of blue), favored for industrial-chic designs and sleek offices.
- *Earthy tones:* e.g. **Clay Red** (earthen terracotta) and **Wadi Stone** (olive-gray) which work well in rustic themes, restaurants, or cultural projects seeking a natural feel.
- *Elegant off-whites:* e.g. **Bone** (warm white) and **Mineral White** (chalky white) for those light, airy spaces where you want the surfaces to quietly glow without stealing attention.

If our standard palette doesn't have the exact hue you need, we also offer **custom color matching** for large projects. This means we can formulate a microcement color to match a specific Pantone or a fabric swatch, ensuring full alignment with a brand or design scheme. Because the pigmentation goes through the material, the color has depth and nuance — slight variegations that give the surface a natural stone or plaster character rather than a flat painted look.

Finish Options

Every microcement installation by Conmarble is artisan-applied, which means the texture and sheen can be tailored by the applicator's technique and the chosen sealant. We offer a spectrum of finish options:

- **Matte Finish:** A flat, soft look with gentle light diffusion. Matte microcement tends to have a velvety appearance and is great for walls or floors in subtle, minimalist designs. It hides minor imperfections well and gives an understated elegance (popular in living rooms and bedrooms, or any space wanting a calm vibe).

- **Satin Finish:** A low-sheen finish that has a delicate glow when light hits it. Satin is our most popular finish for floors because it's easy to maintain (doesn't show scuffs as much as high gloss) yet looks high-end. It strikes a nice balance — clean and modern without being overly reflective.
- **High Gloss / Polished:** Achieved by extra troweling and special sealer or wax, this finish is reflective like a polished marble or Venetian plaster. It adds depth to the color and is eye-catching. Often used on feature walls, in luxury boutiques, or gallery floors where a dramatic, mirror-like surface is desired. (It's stunning, but note that high gloss on floors will be more slippery when wet, so we usually reserve it for dry areas or vertical surfaces.)
- **Anti-slip Texture:** For areas like pool decks, shower floors, or spa zones, we can incorporate a micro-texture or use a specific matte sealing coat with anti-slip particles. This yields a subtly gritty finish that improves traction without looking rough. With Micropool and Microrock, we often do an anti-slip finish in wet zones to ensure safety meets beauty.

Signature Textures

Beyond the level of sheen, Conmarble has developed **signature trowel textures** that give character to microcement surfaces. These textures are like an artist's finishes that can be requested for a unique touch:

- **Mineral Skin:** A sleek, fine-grained finish with very subtle movements and tonal variation. It's almost smooth to the touch but with gentle mottling that gives it depth. *Example:* Used at King Fahad Cultural Center, this finish provided a refined, modern look that complemented the contemporary architecture.
- **Honed Dune:** A soft, stone-like texture that feels akin to honed limestone or travertine. It has gentle undulations and tool marks for a natural effect. This is ideal for spas, boutiques, or living spaces that want a touch of organic warmth while remaining smooth.
- **Wadi Cut:** A coarse, exposed-aggregate texture where tiny mineral particles are visible. It's reminiscent of weathered desert rock. We use this for outdoor terraces or drive-up areas where a rustic, rougher look is desired (and it also enhances slip-resistance underfoot).
- **Hijazi Cloud:** (Another custom finish we often showcase) A marbled, cloud-like texture with swirls of two close colors, inspired by the soft light and hues of Hijaz region stone. This can give walls a gentle marbling without using actual marble.

All these finishes are achieved by hand — by varying trowel pressure, movement, layering techniques, and timing during application and burnishing. Because of this craftsmanship, no two microcement surfaces are identical, but all carry the hallmarks of Conmarble quality. Our team works closely with clients to sample and approve the exact color and finish prior to full installation, ensuring the end result matches the design vision.

In essence, **microcement's aesthetic flexibility** is a major reason for its popularity. From color to sheen to texture, it can be adapted to fit any style — be it ultra-modern, rustic chic, industrial, or classic. Conmarble leverages this flexibility to deliver bespoke finishes that not only meet the functional needs of a space but also enhance its visual storytelling.

Microcement Application Process

The performance of microcement depends not only on product quality but also on expert application. At Conmarble, we combine Cemher's world-class resin-modified microcement systems with a **highly trained**

application team to ensure that every surface we deliver is seamless, durable, and built to last. Our installation method is precision-driven and follows a step-by-step process, fine-tuned for the unique climate and use conditions of Saudi projects (including high-humidity environments like spas and the high-heat, high-sand conditions of desert exteriors).


Step-by-Step Application of Conmarble Microcement:

1. **Surface Preparation:** The substrate (be it concrete slab, existing tile, plastered wall, or cement board) is thoroughly cleaned and assessed. Any loose material, grease, or dust is removed. If there are cracks or voids, we fill and repair them using appropriate mortar or epoxy filler, since a uniform base is crucial. In some cases, we might roughen a very smooth surface (like polished tile) to ensure good mechanical grip. The goal at this stage is to have a solid, clean, and slightly textured surface for the microcement to bind to.
2. **Priming:** Next, a high-adhesion primer is applied over the substrate. The primer acts as a bonding agent that creates a chemical and mechanical link between the old surface and the microcement base coat. We choose different primer types depending on the substrate's nature — for example, an absorbent primer for porous surfaces like concrete or plaster (so it soaks in and binds the surface), or a special adhesion promoter for non-absorbent surfaces like tiles or marble. Priming also helps even out the substrate's absorbency, which ensures the microcement cures uniformly.
3. **Base Coat Application:** Once the primer is dry, we apply the first layer of microcement (often called the base or "microbase" layer). This is usually a slightly coarser mix that builds the foundational strength. Our applicators trowel it on in a thin layer, covering the whole area. This base coat provides structure, evens out the color base, and keys into the primer for a tenacious bond. After it dries (usually within 6–8 hours, depending on conditions), we sand it lightly to remove any high trowel marks and to ensure a smooth platform for the next layer.
4. **Second & Final Coats:** After the base, we apply one or two additional coats of microcement (often in a finer grain mix, especially for the final coat) to achieve the desired thickness and finish. During these finishing coats, the applicator uses specific troweling techniques to create the chosen texture (e.g., more movement for a lively texture, or very tight, even strokes for a smooth finish). The color is integrated in these coats, so careful, even application is key to avoid patchiness. If a very smooth finish is desired, the final coat may be steel troweled to compress it (which can bring out a slight sheen even before sealing). Each coat needs a curing period and is sanded as needed before the next. By the final coat, the surface should look consistent in color and texture, with the only difference being it will be matte and porous until sealed.
5. **Sealing & Protection:** After the microcement layers have fully cured (we usually wait at least 24 hours after the final coat application), we proceed to sealing. The sealer is a transparent topcoat (either polyurethane or a high-performance water-based acrylic, depending on the project needs) that soaks into the microcement and then dries to form a protective film. This step is critical for enhancing stain resistance, chemical resistance, and overall durability. We typically apply two coats of sealer. For floors and wet areas, we prefer a two-component polyurethane sealer (like *Maxipur 100%* or similar) which provides a very tough, scratch-resistant finish. In less demanding areas, a water-based sealer (*Aquamax Pro*, for example) can be used for a more natural matte look. Once

sealed, the surface's color often deepens slightly and achieves its final sheen (matte, satin, or gloss depending on the product used).

Throughout this process, **all work is done by Conmarble's certified artisans** — professionals who have been trained under Cemher's technical protocols (many of our team members trained directly in Spain with the manufacturer). This skilled application ensures a number of quality assurances:

- No delamination or cracking: Each step (from prep to priming to layering) is done to prevent failure. Our crew understands how to anticipate and mitigate issues like substrate movement or curing stresses, so the microcement stays firmly attached and crack-free.
- Consistent texture and color: Artisan application means we pay attention to the aesthetics in every trowel stroke. The team works in sync to blend areas so you don't see seams or junctions even on large floors installed over several days. The result looks uniform and intentional, as if created in one piece.
- Waterproof performance: Proper application of each layer, especially sealing, means the finish achieves full waterproofing. We double-check all corners, junctions (like wall-to-floor transitions), and penetrations (drains, fixtures) to ensure there are no weak spots where water could sneak in.
- Clean, precise details: We take care with edgework — like where the microcement ends against other materials, or around built-in elements. Our artisans can create crisp arrises or eased corners as needed, and ensure that things like integrated coves or baseboards are executed neatly. This level of craftsmanship is what gives a Conmarble installation its unmistakable quality look.

 **Installation Timeline:** The beauty of microcement is that it's relatively quick to install compared to many traditional finishes. Depending on the scale and complexity, most residential or small commercial projects (say 100–150 m² area) can be completed in about **3–5 days** of work. For example, Day 1: prep and priming, Day 2: base coat, Day 3: second coat, Day 4: final coat, Day 5: sealing (with perhaps an additional day or two buffer for curing and any touch-ups). After the final sealer, surfaces are generally usable for light foot traffic within 24–48 hours. We advise keeping heavy furniture off for a couple of days and, in the case of pools, letting the microcement cure at least a week or two (per manufacturer specs) before filling with water. Compared to the weeks it might take to tile an area (with curing of mortar beds, grout, etc.), microcement's timeline is a huge advantage. Plus, the process is low-noise and low-dust, meaning minimal disruption.

Whether it's a spa wall in AlUla or a hotel suite floor in Riyadh, when you hire Conmarble, your **microcement Saudi Arabia** installation will be executed with technical precision and an artisan's touch. We manage the process end-to-end, ensuring that the final surface is not only beautiful but also built to perform flawlessly.

Why Conmarble is the #1 Choice for Microcement in the Gulf

In a market where design expectations are high and climate conditions are extreme, Conmarble has emerged as the Gulf region's premier specialist in resin-modified microcement. Our success across Saudi Arabia and the wider GCC is rooted in a blend of superior materials, artisan application, and deep regional expertise. Here are key reasons clients choose Conmarble for microcement projects in the Gulf:

1. Regionally Proven Performance

From Riyadh to Doha, Conmarble systems have been trusted in dozens of landmark projects, including:

- *King Fahad Cultural Center, Riyadh* – 9,000 m² of Microdur Plus microcement installed across high-traffic interior floors, demonstrating endurance under heavy public use.
- *Katara Hills Resort, Doha* – Spa and wellness suite walls finished in Microrock and complementary Microtadelakt (lime plaster), showcasing our ability to execute integrated luxury finishes.
- *Meryal Waterpark, Lusail (Qatar)* – Over 60,000 m² of themed microcement surfacing for pools, deck areas, and decorative features, proving the scalability and durability of our systems in a demanding, year-round outdoor amusement environment.
- *Sindalah Island (NEOM, Saudi Arabia)* – Outdoor entertainment decks and walkways finished with Microrock microcement to withstand marine humidity and heavy tourist traffic without wear.

Every project we complete further confirms the adaptability and durability of our systems in hot, humid, and high-use environments. The fact that such high-profile developments across the Gulf repeatedly specify Conmarble microcement is a testament to the trust we've earned through proven results.

2. Certified Artisan Application

Our surfaces aren't mass-produced; they're hand-crafted. Conmarble's applicators are an elite team trained intensively — many received certification directly in Spain under Cemher's technical training programs. This means when we apply a microcement floor or wall, it's executed to the exact standards of the product designers. Artisan application ensures consistency, elegance, and performance across every square meter. We treat each project as a piece of art backed by building science, which leads to finishes that are visually stunning and technically sound. Clients often remark that the level of workmanship in a Conmarble finish is visibly higher, with attention to detail at corners, edges, and patterns that set the work apart from generic contractors.

3. Industry-Leading Materials by Cemher

We exclusively work with Cemher, Europe's most advanced producer of resin-modified microcement and related finishes. By partnering with Cemher, we ensure that the core materials we use are **best-in-class globally**. Cemher's formulations lead the market in critical performance metrics: compressive strength (reliably up to ~80 MPa, where many competitors might only reach 30–40 MPa), true bulk waterproofing (their Mineral+Rock technology means the microcement itself is waterproof, not just the sealer on top), and sustainability (solvent-free, VOC-free chemistry that few can match). Using these superior materials gives Conmarble a significant edge — it's like having the highest quality paint if you're an artist. The combination of great material and skilled application results in a finish that not only looks better, but *performs* better and lasts longer. We don't cut corners with cheaper mixes or "one-size-fits-all" products; each Conmarble project benefits from a custom-specified Cemher system optimized for that use (be it Microdur Plus, Microrock, Micropool, etc).

4. Sustainability Without Compromise

Sustainability is at the heart of Conmarble's ethos. We believe in delivering eco-conscious solutions without sacrificing performance or luxury. Microcement inherently aligns with sustainable construction because it can often reuse existing substrates (less waste from demolition) and has a low carbon footprint relative to full concrete or stone installations. Our materials are zero-VOC and contribute to healthier indoor air quality, which is vital in homes, schools, and healthcare facilities. Additionally, the breathability of our mineral-based finishes means we avoid trapping moisture in building structures, thereby preventing mold

and improving longevity (an important aspect of sustainable building is durability — the longer a finish lasts, the fewer times it needs replacement). For developers working towards Vision 2030 goals or LEED/BREEAM certifications, partnering with Conmarble helps check those boxes: we provide documentation for material health, recycled content where applicable, and support strategies for energy efficiency (e.g., lighter colored microcement can reduce heat island effect on rooftops or outdoor areas). In short, we embrace green building principles and can do so while still delivering the high-end finish our clients expect.

5. Trusted by Architects, Designers & Developers

Conmarble doesn't just work **for** clients; we collaborate closely **with** the leading minds shaping the region's built environment. Top architecture and interior design firms in Riyadh, Jeddah, Doha, and Dubai regularly consult with us during the design phase because they know we understand material behavior and can offer input on finish selection, detailing, and feasibility. We've become a go-to resource for innovative surface solutions — whether it's creating a custom color for a boutique hotel brand, developing a unique texture to match an architect's concept, or providing quick sample mockups during a design presentation. Our track record includes partnerships on cultural institutions (like the mentioned Islamic Arts Biennale in Jeddah), government projects, five-star hospitality chains, and private luxury residences. We also proudly serve **private clients** who demand the very best for their homes or commercial ventures, delivering the same level of professionalism regardless of project size. From the contemporary retail elegance of **Afra Boutique** in Doha's Vendôme Mall to mega-projects in NEOM's futuristic developments, our name stands for reliability, creativity, and the next generation of surface finishes. This trust we've built within the professional community means when you choose Conmarble, you're also tapping into a network of expertise and a reputation that adds value to your project.

With Conmarble, you don't just get a contractor installing **microcement in Saudi Arabia** — you get a committed partner in the success of your design vision. Our focus on material excellence, skilled craftsmanship, and client collaboration ensures that from concept to completion, your surfaces are in the best possible hands. The results speak for themselves: luxurious, seamless finishes that make a lasting impression.

FAQ – Microcement in Saudi Arabia

Here we address some frequently asked questions about microcement, especially as they pertain to usage in Saudi Arabia and the Gulf region:

1. How much does microcement cost in Saudi Arabia?

The cost can vary depending on surface condition, project size, complexity of the finish, and whether any special textures or prep work are needed. On average, a fully installed, artisan-applied microcement system like Microdur Plus or Microrock ranges from **approximately SAR 300 to SAR 550 per square meter** in Saudi Arabia. This price includes material and professional installation. Larger projects or more straightforward open areas might be on the lower end of that range due to economies of scale, while intricate projects with custom detailing or difficult prep (e.g., repairing a very uneven substrate) might be toward the higher end. While microcement is a premium finish, it often becomes cost-effective when you factor in that you're avoiding demolition of existing surfaces and getting a long-lasting, bespoke finish.

2. Can microcement be applied over tiles or old floors?

Yes. One of microcement's biggest advantages is its excellent adhesion to a variety of substrates. Conmarble's systems are formulated to bond strongly with existing surfaces such as ceramic tile, terrazzo,

marble, old concrete, or gypsum plaster. We regularly apply microcement directly over old tile floors and walls during renovations. The tile joints will be masked by the microcement layers, resulting in a smooth new surface. Proper surface preparation (cleaning and priming) is key, but when done correctly, this overlay technique is very reliable. This capability makes microcement an ideal solution for quick transformations: for instance, updating an outdated tiled bathroom to a sleek modern microcement finish without removing the old tiles, or refinishing a worn concrete floor in a retail space without pouring a new slab. It saves time, mess, and cost.

3. Is microcement waterproof?

Absolutely. Our resin-modified microcements are designed to be waterproof throughout the material. Unlike traditional microcement that might only be water-resistant once a sealer is on, Conmarble's systems (especially **Micropool**) are inherently waterproof in every layer. Once sealed, they are fully suitable for **bathrooms, showers, wet kitchens, spa zones**, and even **immersed areas like swimming pools and fountains**. Do note that "waterproof" in this context means it won't be damaged by water and won't let water through. However, in continuously submerged settings (pools), we use specialized approaches (like the vapor-permeable technique in Micropool plus a topcoat) to ensure long-term success. For everyday scenarios like rain, splashes, or wash-downs, microcement handles water with ease. Just ensure any penetrations (like drain openings) are properly detailed and sealed, which is standard practice in our installations.

4. How long does microcement last?

When properly installed and maintained, microcement is a **very long-lasting finish**. You can expect Conmarble's microcement surfaces to easily last **10-15 years or more** without significant issues. Many installations will last much longer — the key is that nothing "gives out" in the system: the bonding is permanent, and the cementitious component is as durable as concrete. Over a decade or two, you might choose to refresh the sealer to rejuvenate the sheen or ensure peak stain resistance, but the underlying microcement layer itself doesn't need replacement. In high-traffic commercial environments, you'll see wear patterns just as you would on concrete or stone, but again a re-polish or new clear coat typically brings it back. We have projects that were done years ago which still look great and have had zero delamination or cracking. That said, proper installation (like we emphasize) and appropriate use are important: if someone drags extremely heavy sharp objects constantly or the substrate building moves significantly (an extreme case), any finish could show damage. But under normal and even intense usage, microcement is built to last. Its longevity is a major advantage, making it a smart investment.

5. How is microcement maintained?

One of microcement's appeals is that it's **very low-maintenance**. For day-to-day cleaning, simple sweeping/vacuuming and mopping with water and a pH-neutral mild detergent is all you need. Because there are no grout lines, cleaning is uniform and easy — you're essentially cleaning a large continuous surface. There's no need for aggressive chemicals; in fact, those should be avoided to preserve the sealer (just like you would avoid harsh cleaners on wood floors or marble). Microcement is non-porous when sealed, so spills won't immediately stain — just wipe them up in a reasonable time. For floors, using felt pads under furniture can prevent scratching (common sense for any flooring). In very high-use areas (like a busy restaurant floor or a shower used dozens of times a day), you might consider applying a fresh coat of protective sealer every 5-7 years or so, which is a quick process, to renew the surface's protective layer. Unlike tile or stone, you don't have to re-grout or deal with grout mildew. And unlike hardwood, you don't have to periodically refinish it. Overall, maintenance is minimal: keep it clean, avoid harsh abrasion, and it will stay beautiful.

6. Is it safe for kitchens and food preparation areas?

Yes, microcement is safe for use in kitchens, restaurants, and other food-related zones. Once sealed, the surface becomes non-porous and won't harbor bacteria. Our sealers are food-grade safe once cured (they're similar to those used on decorative concrete countertops). In fact, microcement countertops and backsplashes are becoming popular because you get a seamless, custom counter surface with the look of concrete but none of the cracking or staining issues of real concrete. Importantly, our microcement finishes are **VOC-free and non-toxic**, so there's no concern of chemical emissions in food areas. They also meet hygiene standards: a properly sealed microcement surface is monolithic and easy to clean, aligning with HACCP guidelines for cleanliness in commercial kitchens. For very high-temperature areas (like directly around commercial ranges or ovens), microcement holds up fine (cement doesn't burn), though one should use trivets on a microcement countertop for hot pans just as you would on any countertop to protect the sealer from thermal shock. Overall, you can confidently use microcement in kitchen flooring, walls, and even counters or dining tables.

7. How long does installation take?

Installation is relatively swift. For most standard projects (for example, a residential floor of 100 m² or two large bathrooms), the **application takes about 3-5 working days**. After that, we usually recommend about 1-2 days before you start using the space normally, just to let the sealers cure to full hardness. So you're looking at roughly one week from start to finish in many cases. Larger or more complex projects will scale up accordingly (e.g., 500 m² of flooring might take a couple of weeks because the team will do it in sections). It's significantly faster than, say, laying down and grouting large areas of tile or installing and finishing terrazzo. Also, because there's no demolition involved in many cases, you save the time that would have been spent ripping out old materials. One caveat: if the project involves multiple rooms or a lot of vertical and horizontal surfaces, we might stage it such that one area is done after another to ensure quality. But our team is efficient and used to working on tight schedules. We coordinate closely with other trades to make sure the sequence is optimized (for instance, we prefer to do microcement after heavy mechanical or electrical work is done to avoid damage, but before final fixtures are installed).

8. Does microcement crack?

When applied correctly on a stable substrate, **microcement does not crack** under normal conditions. Hairline cracks are typically a result of either substrate movement (a crack in the concrete below will telegraph through any rigid topping) or improper application (like applying too thick, or not allowing proper curing). At Conmarble, we mitigate these risks in several ways: we assess and address substrate cracks beforehand (filling them, and sometimes using a fiberglass mesh in the base coat over crack-prone zones for extra reinforcement), and we use a flexible, fiber-reinforced base layer that can absorb minor movements. Additionally, our resin modification inherently gives the microcement a bit of flexibility (much more than plain cement would have). In practice, we have seen that our installations remain crack-free even years later. The edges where microcement meets other materials (like a tile edge or a metal drain) are potential stress points, but we treat those joints with elastic sealant or appropriate detailing to prevent cracking. So long as the building itself is stable (no serious structural shifts or major shrinkage events), microcement by Conmarble remains monolithic and intact. It's worth noting that microcement, like any cementitious material, will have microscopic shrinkage cracks during curing, but these are so tiny they're not visible or problematic, and the sealer fills them in. You won't see the kind of grout line cracking or tile cracking that is common in poorly installed tile jobs. In summary, with professional installation and a sound substrate, cracking is not a concern.

Still have questions? Feel free to reach out to our team. Our technical experts can provide additional information, specific datasheets, samples of the finish, or even visit your site to evaluate and answer any concerns. We believe in educating our clients so they feel confident in choosing microcement.

Contact & Consultation

Ready to specify microcement for your project? Whether you're an architect planning a wellness retreat in AlUla, a developer designing luxury villas in Riyadh, or a homeowner looking to transform your kitchen in Jeddah — Conmarble is your trusted partner for high-performance **microcement in Saudi Arabia** and the Gulf.

We offer full technical support from concept to completion, including design consultation, specification guidance, and on-site mockups. Our team can conduct site assessments, provide sample boards of colors and textures, and tailor our systems to residential, commercial, hospitality, or cultural projects of any scale. When you engage Conmarble, you're not just getting a material installation; you're gaining a collaborator dedicated to making your surfaces seamless, sustainable, and stunning.

Let's bring your project to life with modern, handcrafted finishes. For inquiries, consultations, or to request samples and quotations, please contact us:

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- **Offices:** Riyadh, Saudi Arabia | Doha, Qatar | Dubai, UAE
- **Instagram:** @conmarble (see our latest projects and inspiration)

With Conmarble, your surfaces aren't just finished — **they're elevated** to a new standard of elegance and performance. Let us help you create **seamless, waterproof, and timeless surfaces** that will define your space for years to come.

Earth, Lime & Clay – Seamless Sustainable Surfaces.
