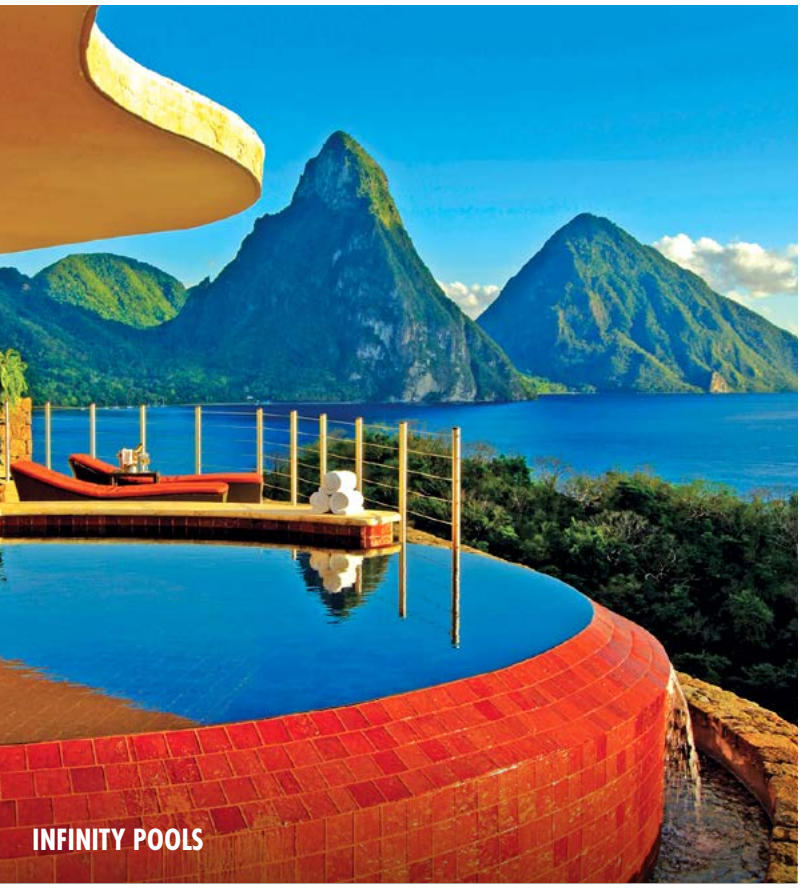
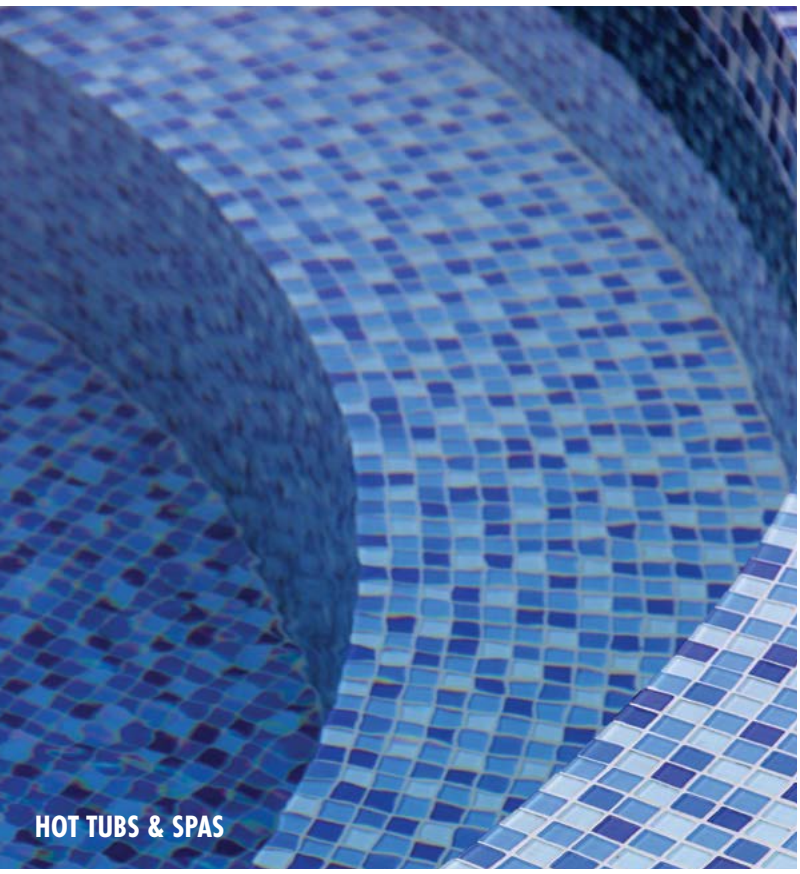
Pool, Spa and Fountain Tiling Systems

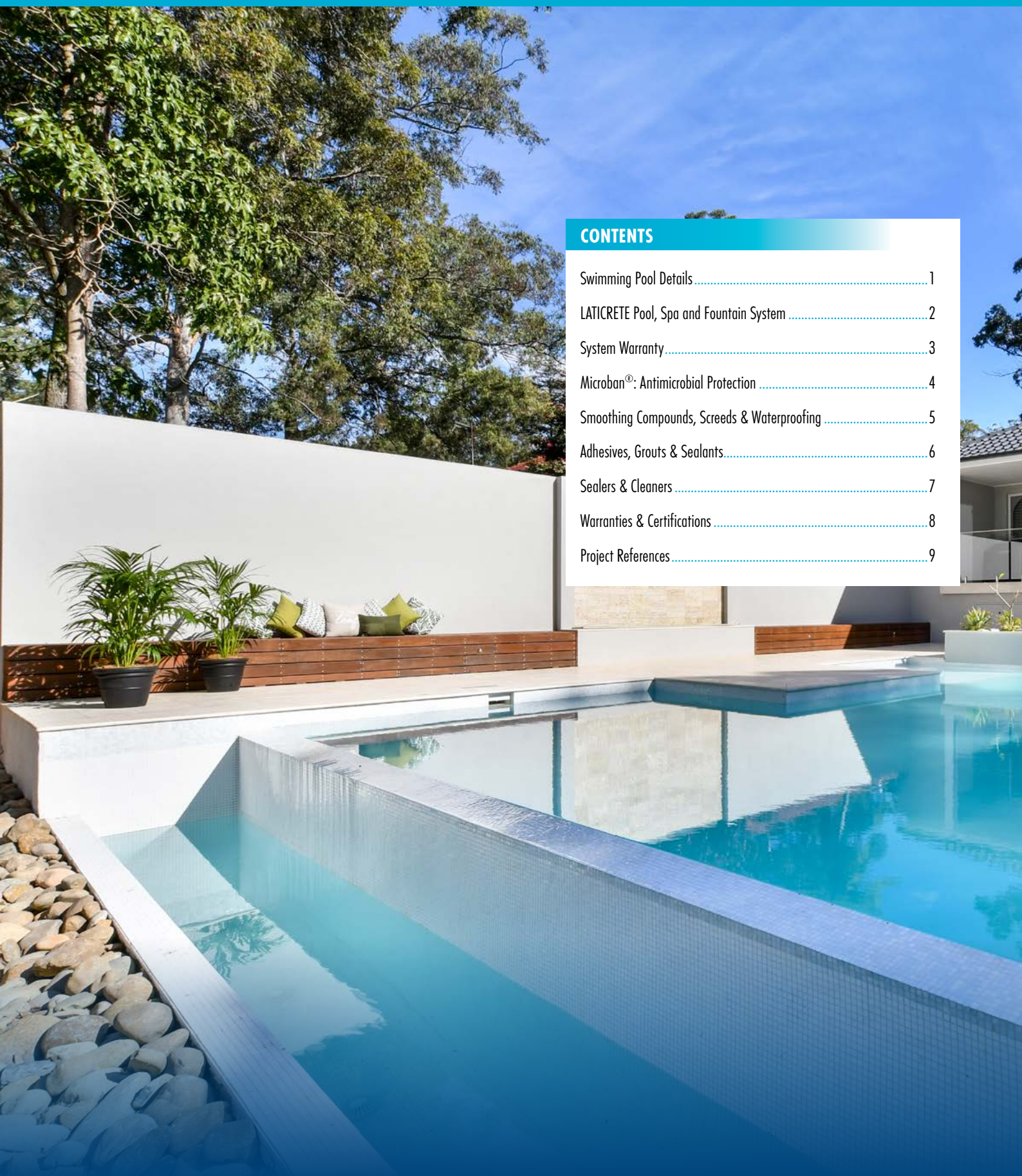

INFINITY POOLS

RESIDENTIAL


HOT TUBS & SPAS

COMMERCIAL

Globally Proven Construction Solutions



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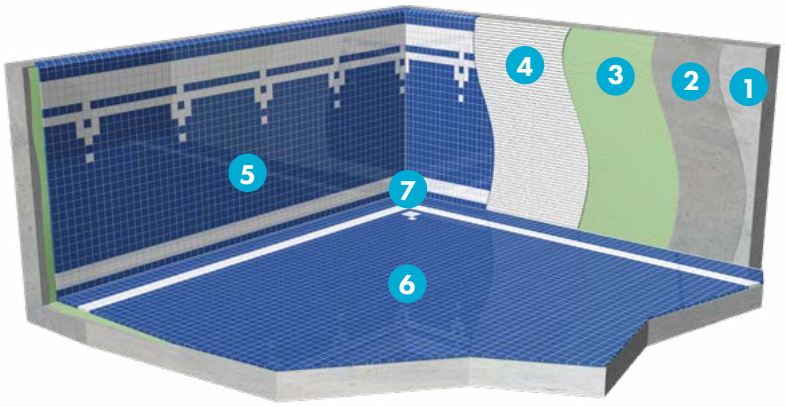
Credits to: Contractor: Brindabella Renovations | Photographer: Real Images | Location: Wahroonga, NSW, Australia

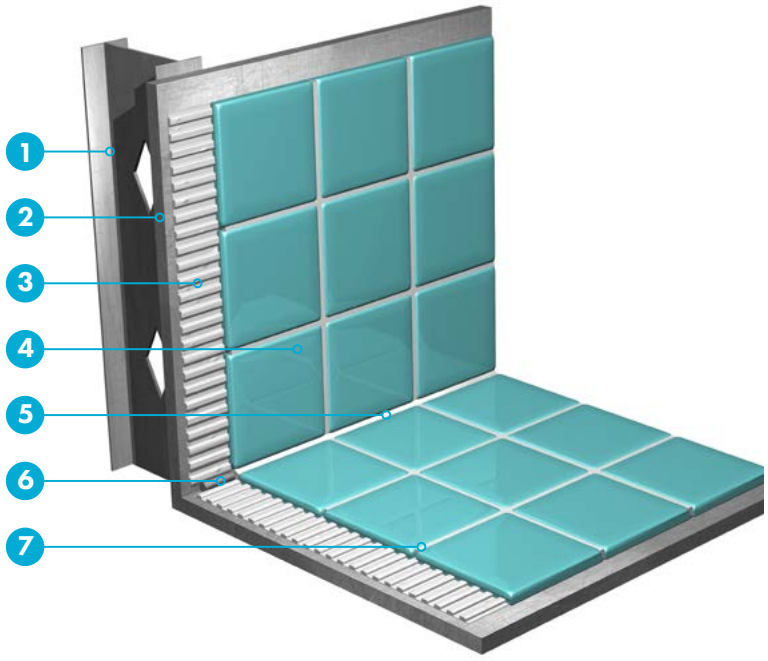
For over half a century, architects, engineers, developers and contractors have trusted LATICRETE® with their tile and stone installation needs. Let our *global experience*, *product quality* and *technical support* assist you on your next project – no matter where it is.

The below tile installation systems are recommended based on our certifications, standards and experience with high quality, world renoknowned pool installation projects. Contact our Technical Services for product inquiries or suggested alternates: technicalservices@laticreteeurope.com



Cement Construction	
1	Concrete Tank
2	211 POWDER mixed with 8510 BONDING ADMIX
3	HYDRO BAN® Waterproofing Membrane
4	211 POWDER mixed with 4237 LATEX ADDITIVE
5	SPECTRALOCK® PRO PREMIUM GROUT
6	Mosaic or Ceramic Tile
7	LATASIL™ Silicone Sealant with LATASIL PRIMER

Steel or Fiberglass Construction	
1	Framing
2	Stainless Steel or Fiberglass Shell
3	LATAPOXY® 300 ADHESIVE
4	Mosaic or Ceramic Tile
5	LATASIL™ Silicone Sealant with LATASIL PRIMER
6	POLYPROFIL Flexible Foam Backer Rod
7	SPECTRALOCK® PRO PREMIUM GROUT



The LATICRETE Pool, Spa and Fountain System is composed of **time and job-proven** tile installation products which have been successfully installed around the world **for over 65 years**.

We provide single source responsibility and superior performance with the latest technology in construction materials and methods for these demanding, high performance applications.

Why use a single source systems approach for pools and spas?

Single Source
One point of contact for key materials such as underlayments, waterproofing membranes, tile adhesive and grouts..

Job Site Assistance
Our technical network assures on-site assistance when and where you need it.

High Bond Strength
Our polymer fortified cement and epoxy adhesives provide greater bond strength than most standards, even EN 12004.

Chemical Resistance
Our epoxy grouts and adhesives provide greater chemical resistance than cementitious grouts, essential for pools.

Technical Support
Our dedicated Technical Services team will help designers and specifiers with proper specifications and details.

Quicker Installs
Safe, easy-to-install, water-cleanable products reduce labour and improve productivity on the job site.

Guaranteed
Written labour and materials warranty.

Long-lasting Installations
Durable, permanent installations that will last, even in underwater conditions.

LATICRETE offers the **best warranties** IN THE INDUSTRY

10 YEAR Warranty

With a LATICRETE® System Warranty you can enjoy peace of mind with high-quality, world renowned LATICRETE products. When selecting the installation system for your project, consider the value and peace of mind that a LATICRETE warranty can bring.

LATICRETE provides comprehensive warranties covering commercial, residential, and industrial projects around the world. However, our best guarantee is over 65 years of experience with installations and projects in every imaginable climate.

For these limited warranties to apply, the applications that comprise the installation must be performed with the products listed in the particular document for each application (refer to the charts on this page as well DS-230.10P.EU for warranty details, terms and conditions).

LATICRETE 10 Year Swimming Pool System Warranty	
APPLICATION	**PRODUCTS**
Smoothing Compounds	211 POWDER mixed with 8510 BONDING ADMIX SKIM
Waterproofing	HYDRO BAN® 9235 WATERPROOFING MEMBRANE
Specialty Waterproofing for Flashing & Penetrations	LATAPOXY® WATERPROOF FLASHING MORTAR
All-Purpose Adhesives	211 POWDER mixed with 4237 LATEX ADDITIVE 254 PLATINUM LATAPOXY® 300 ADHESIVE
Grouting	SPECTRALOCK® PRO PREMIUM GROUT SPECTRALOCK® PRO PREMIUM TRANSLUCENT GROUT
Joint Sealant	LATASIL™ Silicone Sealant with LATASIL PRIMER

Photo credit: Rock Solid Tile, Calabasas, CA.

*United States Invention Patent No.: 6881768 (and other Patents).

Refer to subsequent pages as well as Product Data Sheets for details on limitations and how to use above indicated products. See www.laticrete.eu/warranty for complete warranty information.

Microban antimicrobial technology inhibits the growth of mould and mildew.

Microban antimicrobial technology is integrated at the stage of manufacture providing around-the-clock product protection from the growth of microbes including bacteria, mold and mildew.

The built-in antimicrobial technology will remain present and active for the expected lifetime of a product working at a cellular level to continually disrupt the growth and reproduction of any contaminating microorganisms.

"Stain and odor-causing microbes are also reduced, helping to keep the product fresher and cleaner in-between cleanings." - Microban®

LATICRETE® Products with Microban®

CEMENT GROUTS
PERMACOLOR® SELECT
PERMACOLOR® SELECT FINE

EPOXY GROUTS
SPECTRALOCK® PRO PREMIUM GROUT
SPECTRALOCK® 2000 IG

WATERPROOFING
HYDRO BAN®
9235 WATERPROOFING MEMBRANE
LATAPOXY® WATERPROOF FLASHING MORTAR

ADHESIVES
254 PLATINUM

NOTE: Microban® antimicrobial technologies have undergone extensive independent laboratory testing and have a long history of safe use.

LATICRETE offers a complete line of tile and stone installation materials that meet and exceed applicable international and European standards (ISO, EN, ANSI).

Refer to the LATICRETE 10 Year Swimming Pool System Warranty matrix (pp 3) for tiling installation systems that qualify for our extended system warranty.

LEVELLING & SMOOTHING COMPOUNDS

211 POWDER mixed with 8510 BONDING ADMIX

When mixed together, 211 POWDER and 8510 BONDING ADMIX create an extremely workable, trowel-applied repair, levelling and smoothing compound that can be installed ***from 1 to 5 mm in thickness.***

Refer to Data Sheets DS-2390 and DS-2494

CT-C45 F15

Refer to Data Sheet DS-764

SKIM

A premium quality, polymer fortified cementitious underlayment designed for skim-coating, smoothing and levelling ***from 2 mm to 30 mm thickness***.

CT-C25 F4-A1fl R2 PCC

SCREEDS & MORTAR BEDS

2261 SCREED

A rapid-setting cement-based blend for quick drying screeds ***up to 8 cm in thickness.***

If required for a pool installation, 2261 SCREED can be used over a slurry bond coat of 254 PLATINUM or 4237 + 211 POWDER (only for horizontal applications).

Refer to Data Sheet DS-798

CT-C25 F5-A1fl

SPECIALTY WATERPROOFING FOR FLASHING & PENETRATIONS

LATAPOXY® WATERPROOF FLASHING MORTAR

An epoxy-based, trowel applied, waterproofing and vapour barrier membrane used to waterproof seams, gaps, or joints between a variety of substrates, such as metal and PVC pipe penetrations or flashing.

Specifically designed to be used under ceramic tile, stone or brick for ***rapid installations which require a fast curing waterproof flashing.***

Refer to Data Sheet DS-700

READY-TO-USE WATERPROOFING & ANTI-FRACTURE

Refer to Data Sheet DS-9225

HYDRO BAN®

A ***single component, liquid-applied, waterproofing and anti-fracture*** membrane that does not require reinforcement fabric. Bonds directly to a wide variety of substrates (including metal and PVC) and cleans up easily with water.

DM OP

Alternately:

- **AQUA BARRIER** cementitious waterproof slurry (Refer to Data Sheet DS-751)
- **9235 WATERPROOFING MEMBRANE** (Refer to Data Sheet DS-2370)

ALL-PURPOSE ADHESIVES

Refer to Data Sheets
DS-2301 and DS-2390

211 POWDER mixed with 4237 LATEX ADDITIVE

Designed for use with 211 POWDER, 4237 LATEX ADDITIVE is ideal for installing ceramic and porcelain tiles in submerged applications. Used for over a century throughout the world. This two-component adesive ***does not require the use of water.***

Alternately:

211 POWDER mixed with 73 CRETE ADDITIVE (Refer to Data Sheets DS-2390 and DS-2666)

254 PLATINUM

The ***ultimate single component polymer fortified tile adhesive*** for interior and exterior installation of ceramic tile, reduced thickness porcelain, stone tile, pavers and brick. Specified and used globally. Great for immersed installations.

Refer to Data Sheet DS-6770

Refer to Data Sheet DS-6330

LATAPOXY® 300 ADHESIVE

A high-strength, three-part, 100% solids epoxy adhesive formulated for improved chemical resistance and the ability to ***bond to specialised surfaces such as steel and aluminum.***

GROUTS

SPECTRALOCK® PRO PREMIUM GROUT
SPECTRALOCK® PRO PREMIUM TRANSLUCENT GROUT

A patented, high performance epoxy grout with excellent colour uniformity, durability and stain protection in an easy-to-use, non-sag formula. An ideal grout for swimming pool. Available in a translucent version, ideal for glass mosaic installations.

Refer to Data Sheets
DS-65316 and DS-7351

† United States Invention Patent No.: 688176 (and other Patents)

SPECTRALOCK® DAZZLE™

Dazzle your grout! A unique design component, SPECTRALOCK DAZZLE adds metallic and glow-in-the-dark enhancements to our epoxy SPECTRALOCK PRO PREMIUM GROUT.

Refer to Data Sheet DS-6851

Alternately:

PERMACOLOR® SELECT
cementitious grout (Refer to Data Sheet DS-2810)

PERMACOLOR® SELECT FINE
cementitious grout (Refer to Data Sheet DS-1160)

JOINT SEALANT

LATASIL ™

A high performance, one component, neutral cure, 100% silicone sealant designed for ceramic tile and stone applications. Suitable for underwater applications when used with LATASIL PRIMER.

Refer to Data Sheet DS-110

Whether your surface is natural stone, tile, masonry, or grout, if it is porous or absorbent, then it can be stained by water, oil, food-based liquids, and more.

LATICRETE® offers a professional and retail line of care and maintenance products to protect, clean and transform your stone, tile, masonry, and grout.

SEALERS & PROTECTORS

STONETECH® BULLETPROOF SEALER

A premium, water-based penetrating sealer, designed to provide maximum protection ***against the toughest oil and water-based stains*** on the most porous natural stone, tile, masonry and grout surfaces.

Refer to Data Sheet DS-2820

STONETECH® HEAVY DUTY EXTERIOR SEALER

A solvent based, penetrating sealer which offers advanced stain protection and weather resistance on natural stone, masonry and grout surfaces. Designed specifically to meet the challenges of exterior applications, ***minimizes efflorescence and repels water.***

Refer to Data Sheet DS-2125

TRANSFORMING SEALERS

STONETECH® ENHANCER PRO™ SEALER

A colour enhancing, penetrating sealer that provides maximum colour and stain protection on natural stone, masonry and grout. ***Deepens the natural rich colour of porous surfaces without altering the finish*** and penetrates deep to protect it from staining.

Refer to Data Sheets DS-2185

CLEANERS

STONETECH® STONE & TILE CLEANER

A daily, ***neutral pH cleaner***, formulated to remove tough everyday spills, dirt and grease on natural stone, tile, masonry and grout without degrading the surface.

Refer to Data Sheet DS-2110

STONETECH® KLENZALL™ CLEANER

A heavy duty strength, alkaline cleaner made to remove the toughest dirt, grease and grime from natural stone, tile, masonry and grout. It ***cleans, degreases and prepares the surface*** for resealing.

Refer to Data Sheet DS-2150

Refer to Data Sheet DS-2160

STONETECH® RESTORE™ ACIDIC CLEANER

A heavy duty, acidic cleaner that ***removes dirt, hard water deposits, efflorescence and rust*** from tile and acid resistant stone, masonry and grout. Quickly renews the surface to a like-new appearance.

STONETECH® MOLD & MILDEW STAIN REMOVER

A ready-to-use, powerful specialty cleaner specifically formulated to ***remove mould, mildew and even algae*** on natural stone, tile, masonry and grout. Quickly dissolves unsightly mould and mildew stains without degrading or harming the surface.

Refer to Data Sheet DS-65315

EXTENDED SYSTEM WARRANTIES

With a LATICRETE® System Warranty you can enjoy peace of mind with high-quality, world renowned LATICRETE products. When selecting the installation system for your project, consider the value and peace of mind that a LATICRETE warranty can bring.

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GEV EMICODE Certified & LOW VOC LEED COMPLIANT

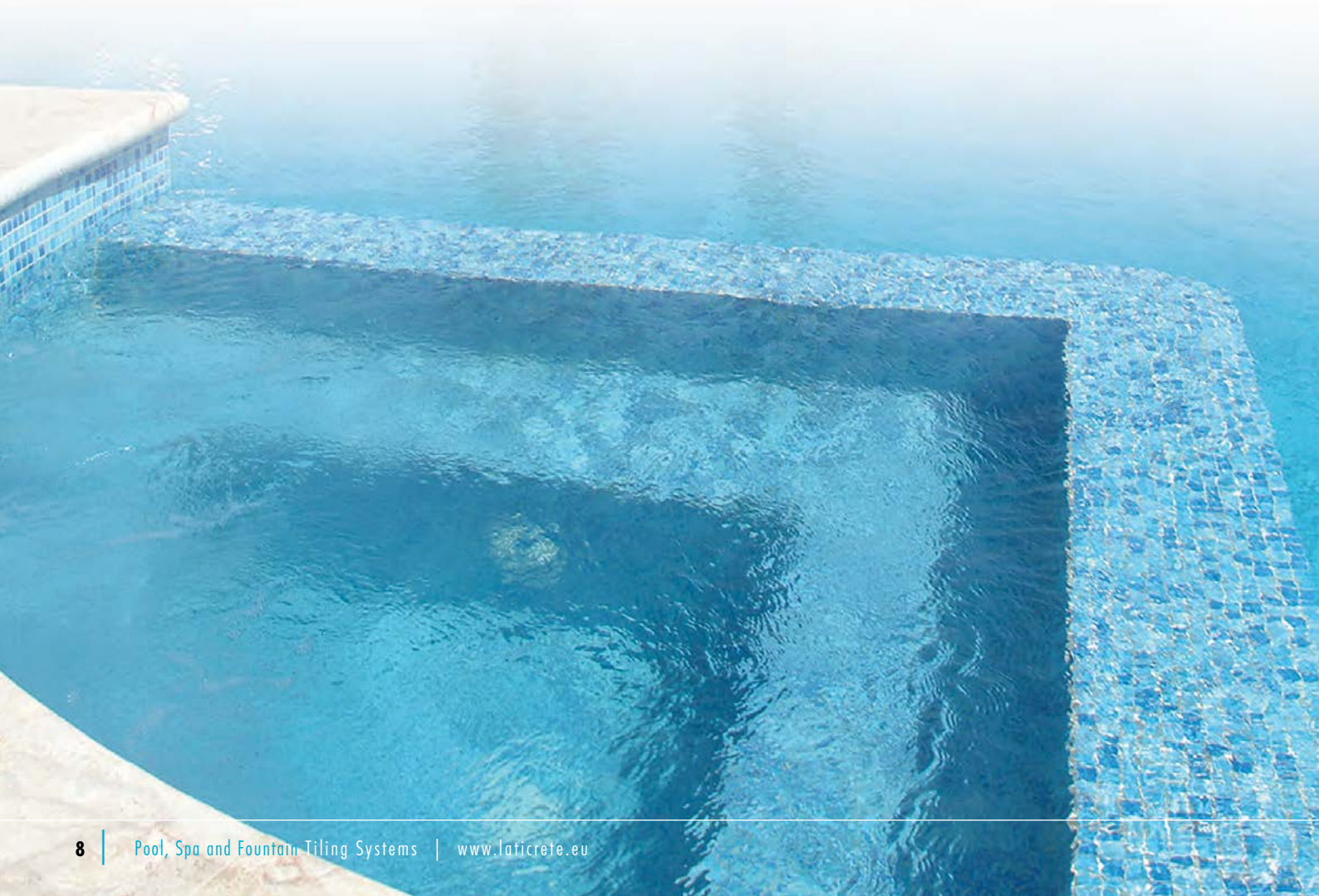
Many companies might say their products are low VOC, but we independently certify it. Safe, simple, and durable construction.

GEV EMICODE® classification system allows you to compare and evaluate the emission characteristics of construction products.

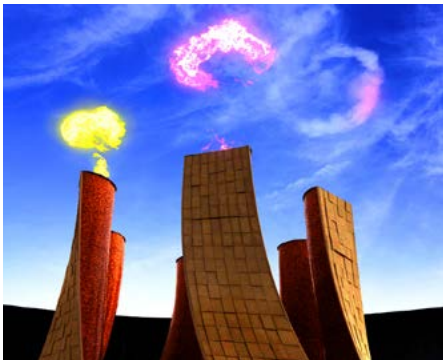
Similarly, the UL GREENGUARD® Environment Certification indicates products that meet stringent indoor air quality standards.

These certifications help contribute toward green building programs such as LEED or BREEAM.

Product certifications are readily available on our website.



2020 – WATER FOUNTAIN - EXPO 2020, DUBAI



PROJECT LOCATION: Expo 2020 City, Dubai

PROJECT INFO: Exterior Thin Bed, Façade, 300 Sqm

MAIN CONTRACTOR: Al Naboodahn Construction Group LLC

SUB-CONTRACTOR / FINISHES: SIA Landscaping LLC

2018 – ART-DECO STYLE SWIMMING POOL AT THE NED HOTEL

PROJECT LOCATION: London, UK

PROJECT INFO: Renovation of historic 1920's London hotel, including roof-top club which has a pool and spa. Based on designs of the Victorian and Edwardian London bath houses.

CONTRACTOR: Ardmore Construction Ltd

ARCHITECT: Soho House Group Ltd / ERP Architects / Sydell Group New York

2018 – SWIMMING POOL AT PRIVATE RESIDENCE

PROJECT LOCATION: Naples, Italy

PROJECT INFO: Private below-grade swimming pool that had challenges with negative hydrostatic pressure.

GENERAL CONTRACTOR: Avvocato Cozzolino

DISTRIBUTOR: Amodio srl

ARCHITECT: Riccardo Amodio

2018 – CAMPING DOMIZIA POOL COMPLEX

PROJECT LOCATION: Caserta, Italy

PROJECT INFO: Tourist complex with 3 swimming pools

GENERAL CONTRACTOR: Italtekna srl.

2017 – VOSSABADET INDOOR SWIMMING CENTRE

PROJECT LOCATION: Voss, Norway

PROJECT INFO: 1,400 sqm indoor swimming pool centre with 3 different pools.

2016 – THE RITZ-CARLTON SPA & POOL

PROJECT LOCATION: Budapest, Hungary

PROJECT INFO: World-renowned luxury hotel brand. Project featured glass mosaic for pool, steam room shower and columns surrounding the pool. Spa located on eighth floor of hotel, which means that the 14m x 4m wide swimming pool and machinery room sits above the hotel.

GENERAL **CONTRACTOR:** Sky Aqua kft., Budapest, Hungary.

INSTALLER: Feuring Hotelconsulting GmbH Mainz, Germany.

2013 – U.S. NAVAL ACADEMY COMPETITION POOLS IN LEJEUNE HALL

PROJECT LOCATION: Annapolis, MD

PROJECT INFO: Replacement of all tile in pools and pool decks. Included a 50 meter competition pool and 4 meter deep diving pool. Diving wall also has three underwater observation windows.

ARCHITECT: Counsilman-Hunsaker, St. Louis, MO

INSTALLER: Profast Commercial Flooring, Ijamsville, MD

2011 – MARINA BAY SANDS INFINITY POOL, "POOL IN THE SKY"

PROJECT LOCATION: Singapore

LOCATION: Marina Bay Sands Singapore

ARCHITECT: Moshe Safdie

INSTALLER: Sangyoong Engineering Construction Co Ltd.

ARCHITECT: Aeda, Pte Ltd, Singapore

POOL TILES: Tiles of Spain

2011 – PULLMAN KUCHING HOTEL & RESORT POOLS

PROJECT NAME: Pullman Kuching Hotel & Resort Pools

PROJECT LOCATION: Sarawak, East Malaysia

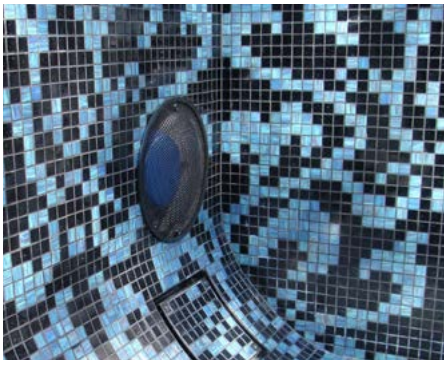
PROJECT INFO: Five-star hotel with 600 sqm swimming pool, children's pool, jacuzzi spas and hot tubs.

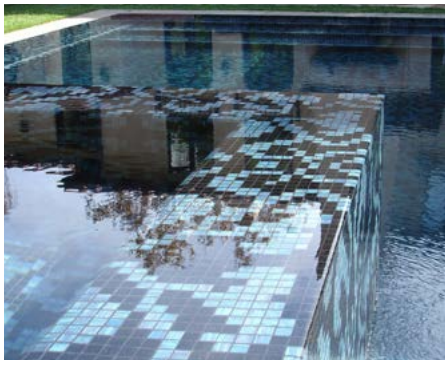
WATERPROOFING CONTRACTOR: Buildmate Trading (S) Sdn Bhd, Sarawack, East Malaysia

TILE CONTRACTOR: Technicorps Builders Snd Bhd, Sarawak, East Malaysia

TILE SUPPLIER: Agrob Buchtal, Germany

2009 – PRIVATE RESIDENCE – THE MOSAICED MITCHELL POOL



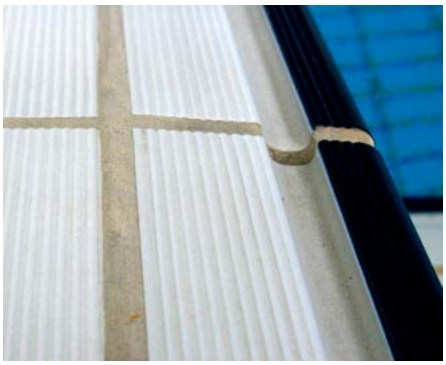


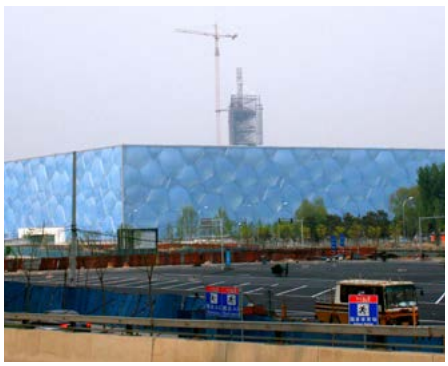
PROJECT LOCATION: Los Angeles, CA

PROJECT INFO: Approximate 150 sqm pool with blue and black pattern of mesh-mounted Bisazza mosaics.

Tile CONTRACTOR: Rock Solid Tile, Calabasas, CA

2008 – THE BEIJING NATIONAL AQUATICS CENTRE (THE "WATER CUBE")





PROJECT LOCATION: Beijing, China

PROJECT INFO: Diving and swimming pool complex with 5 pools (10,000 sqm) for the 2008 Summer Olympic Games.

OWNER: Beijing State Assets Management Corporation, LTD.

DESIGNER: PTW Architects, China State Construction and Engineering Corporation, and the CSEC Shenzen Design Institute.

TILE CONTRACTOR: China State Construction and Engineering Corporation, Haidian District, Beijing, China.

TILE SUPPLIER: Gail Architektur-Keramik GmbH, Giessen, Germany.

2007 – JADE MOUNTAIN RESORT

PROJECT LOCATION: Caribbean Island of St. Lucia

PROJECT INFO: Expansion and modernization of island resort, involving conversion of hillside units into individualized suits, each unit with their own vanishing infinity pools with breathtaking views. The 25 infinity pools, tub surrounds and showers all have hand-made iridescent glass tiles.

OWNER: Nick Troubetzkoy

ARCHITECT: Nick Troubetzkoy

TILE CONTRACTOR: Eddy Van Rikhoort

TILE SUPPLIER: David Knox, Lightstreams, Inc.

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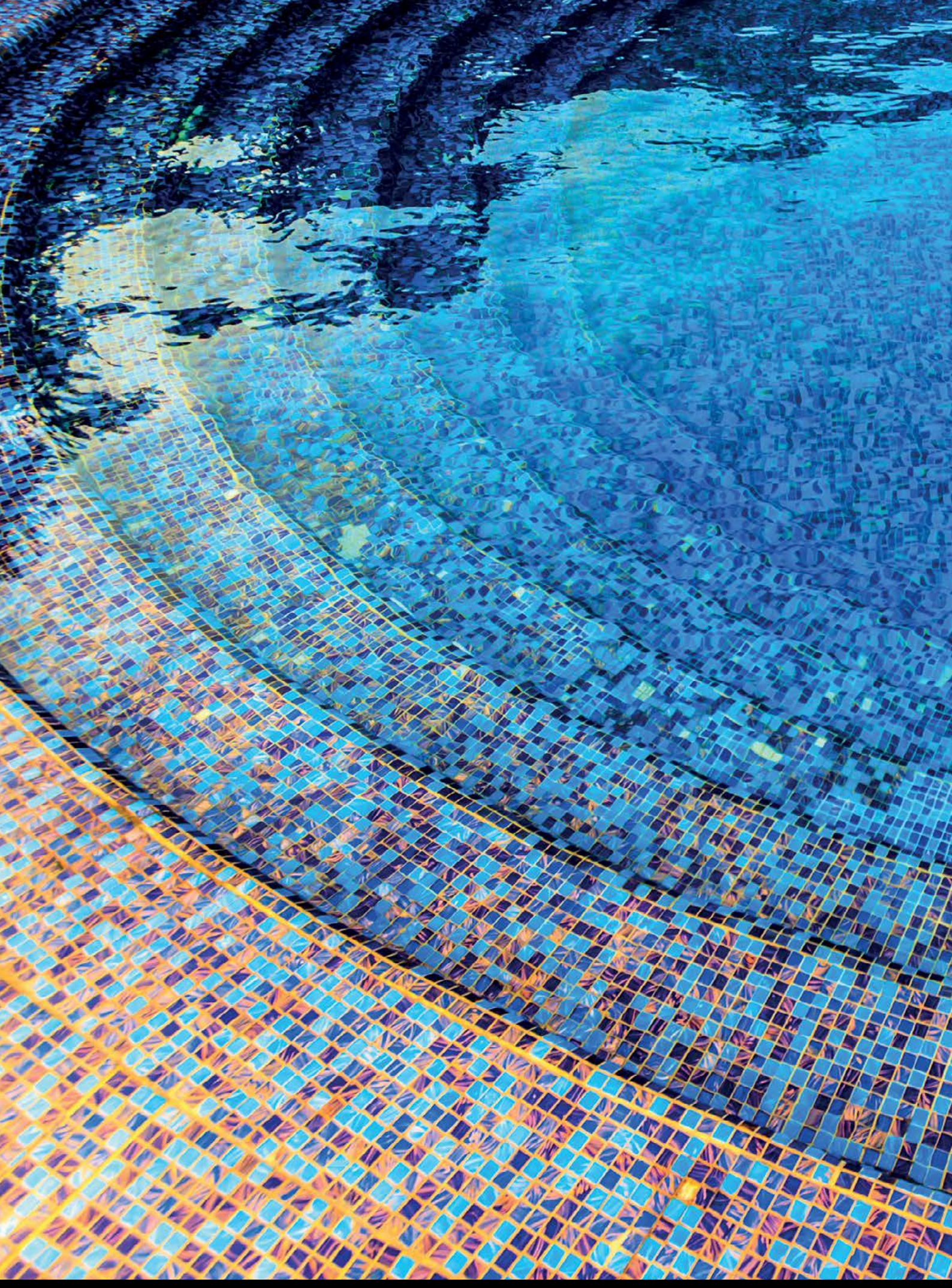

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