

designworks:tiles

swimming pool mosaics



designworks:tiles

About US

For over a decade, Designworks Tiles has successfully introduced and established the market place for design-led, European manufactured swimming pool and spa mosaics within Britain.

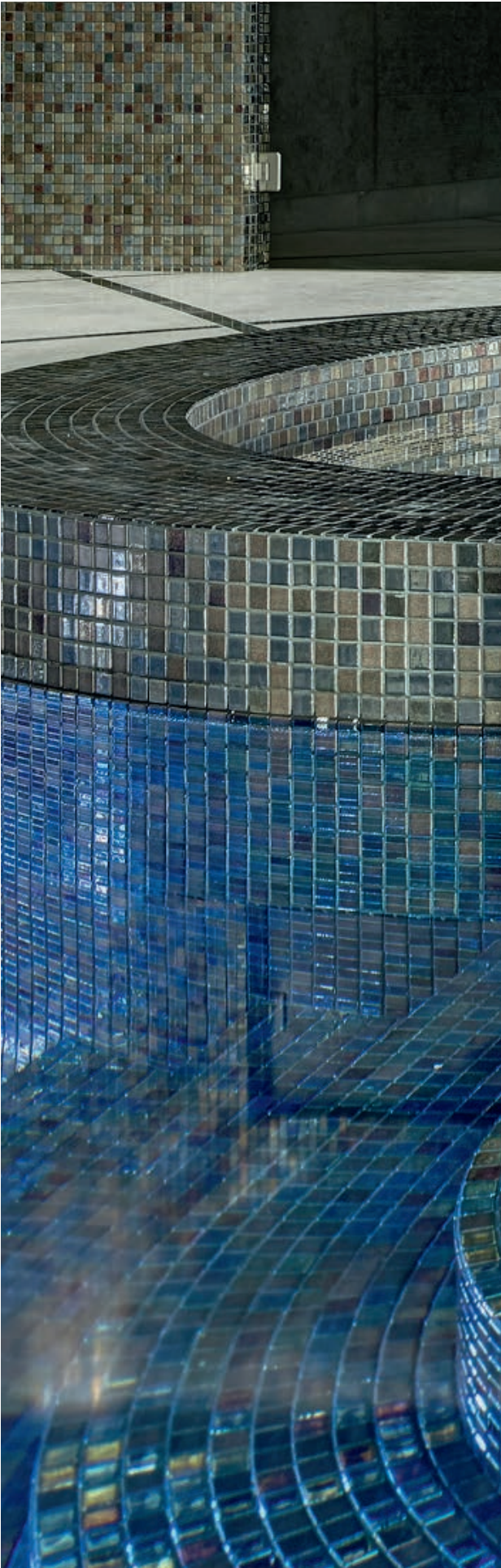
We have provided pool mosaics for music legends, sports stars, business tycoons, country clubs and Hard Rock Hotels - and we're delighted to now bring this quality and stunning range to America.

Designworks Tiles is a division of Original Style Ltd which has been proactively supplying the North American market with our British manufactured ceramics for over 25 years.

This substantial experience of the American marketplace means we already have a reputable customer service and sales team in place to take care of your needs, as well as clear pricing and point of sale materials available.

Order quantities

- Pool mosaic prices are based on a 64½ sqft minimum order quantity and include air freight and onward delivery. US mainland only.
- Corner and cove prices are only applicable when purchased with mosaics that meet the 64½ sqft minimum order quantity.
- All orders outside of the above are POA



Why does my pool look blue?

Look at a glass of water and it is clear and colourless. And yet the water in pools and the sea appear to be shades of blue. Why?

It's all about the light. Sunlight is a spectrum of colours, through the rainbow from red to violet. When the light hits an object, some of the colours will be absorbed and some scattered. For example, an apple looks red because it absorbs all the other colours in the light and scatters only red. Water absorbs different wavelengths of sunlight to different degrees, with the longest wavelengths with the lowest energy being absorbed first. Red is the quickest to be absorbed, then orange then yellow. The blue end of the spectrum travels further through water before being absorbed. The colours disappear underwater in the same order.

The sea seems to be blue because it absorbs all the other colours and only the blue light is scattered or reflected. A glass of water is too small an amount for the reflection of the blue light to be obvious, but when you fill a white bath with water you will see a blue tint. Clean water always appears blue, and deeper water appears more deeply blue as more of the other colours of the spectrum are absorbed.

At what depth underwater do colours disappear?

Red	15ft
Orange	25ft
Yellow	35ft-43ft
Green	68ft-69ft



Why choose mosaics from Designworks Tiles?

Jointpoint® mosaics are exclusive to us and provide the following advantages;

No mesh to fail. The patented 'no mesh backing' Jointpoint® system offers up to 95% of the surface area available for adhesive application – resulting in a stronger bond and superior grip

TCNA ANSI A137.2-2012 approved. Thermal Shock Resistance of Glass Tile

European Quality. Designed and manufactured in Europe to the highest standards

Personalised Print. Bespoke digital printing is available for unique creations

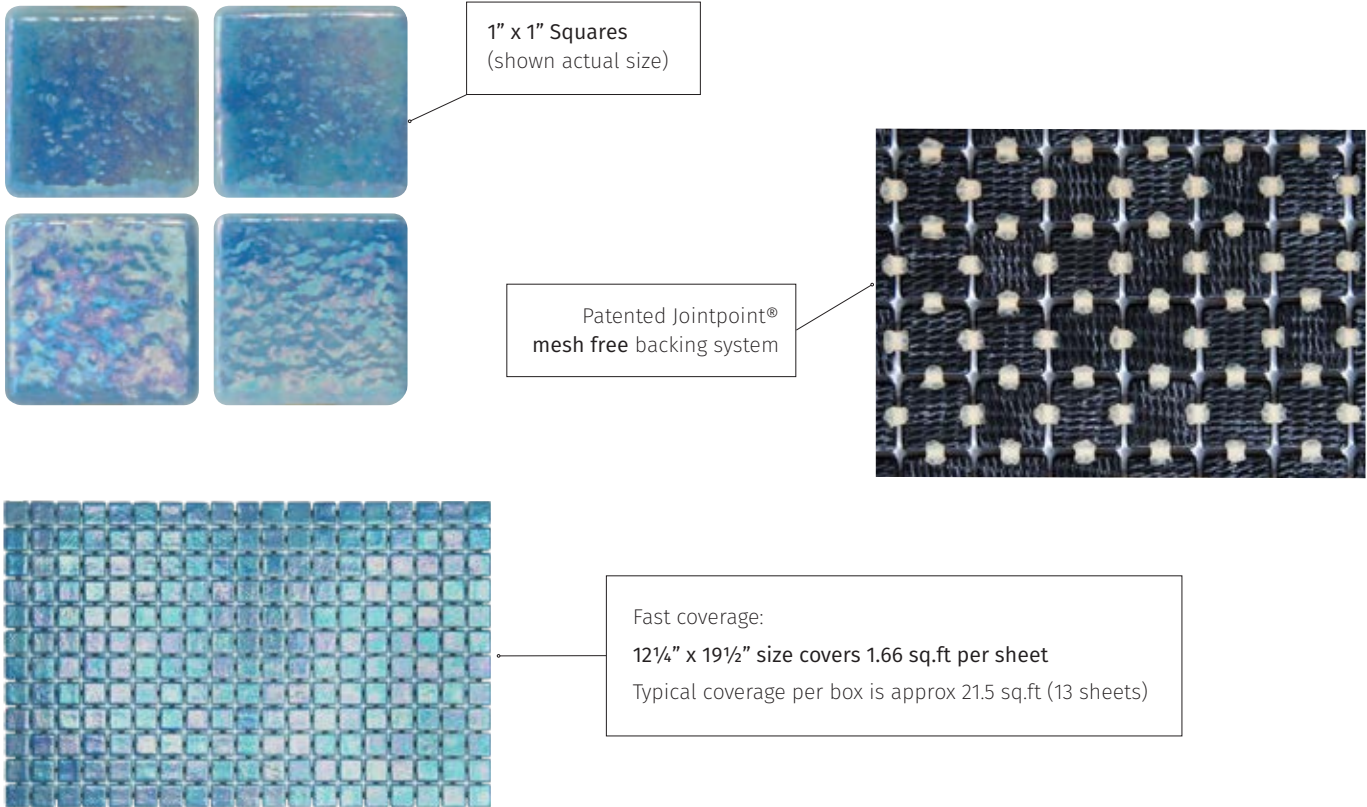
100% Recycled Glass. 'ISO 14021 Product Environmental Certified' recycled glass. We just add the colours and the jointing system

Foot Friendly. With a gentle pillowed edge and our non-abrasive Safe Step® slip resistant options available, comfort is key!

Perfectly Co-ordinated. We offer matching internal and external pieces for corners and step edges

Waterline Ready. Beautiful and easy to clean, our mosaics are a practical option

25% Faster to Install. Easy to handle, manipulate and cut; our mosaic sheets cover fast due to a 12¼" x 19½" oversized format.



1" x 1" Squares
(shown actual size)

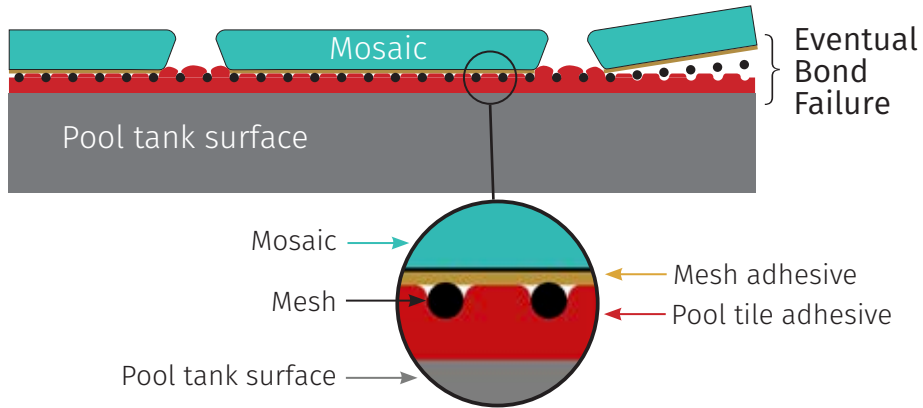
Patented Jointpoint®
mesh free backing system

Fast coverage:
12¼" x 19½" size covers 1.66 sq.ft per sheet
Typical coverage per box is approx 21.5 sq.ft (13 sheets)

different by design

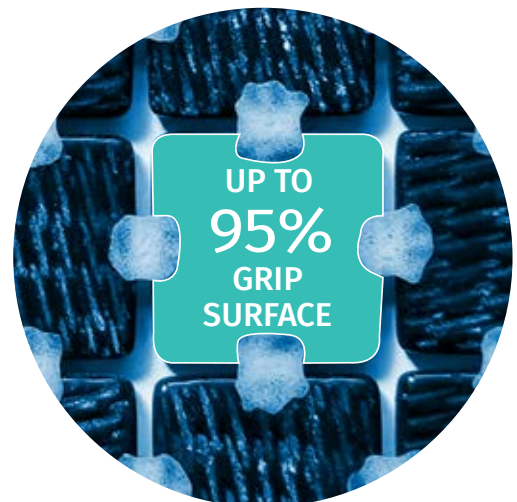
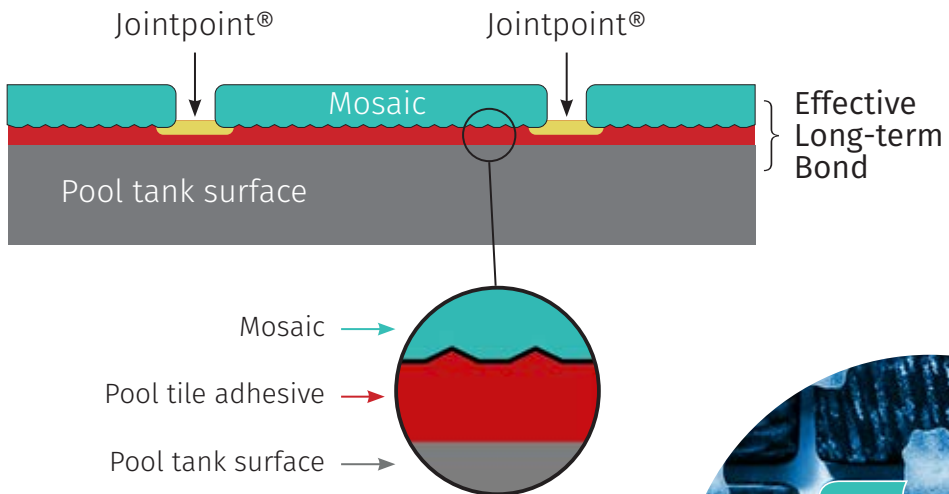
Typical mesh-backed mosaics

Mesh and mesh-adhesives act as a barrier to proper bonding between the mosaics and the pool tank surface. Air pockets trapped around the mesh weaken grip and can allow water ingress.



Ultimate Pool Mosaics

With up to 95% of the mosaic sheet's 'grip surface' available, there's nothing to come between the tiles and the tile adhesive. Better contact and less complexity = greater adhesion.





Shimmer

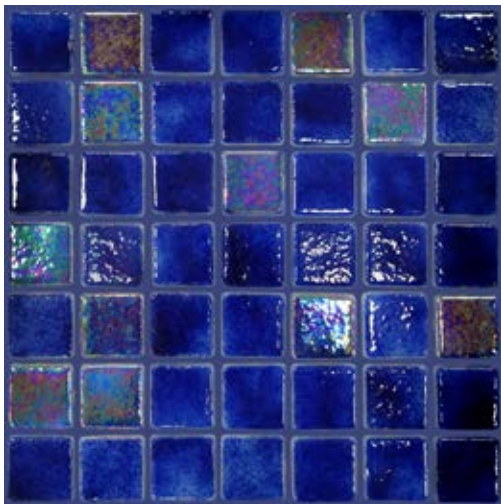
These unique custom blends offer the best of both worlds, by mixing the high-end glamour of our iridescent mosaics with the softer tones of the Niebla range – for beautiful results and excellent value.

Images enlarged to show details, actual size:

1" mosaics in a 12¼" x 19½" sheet



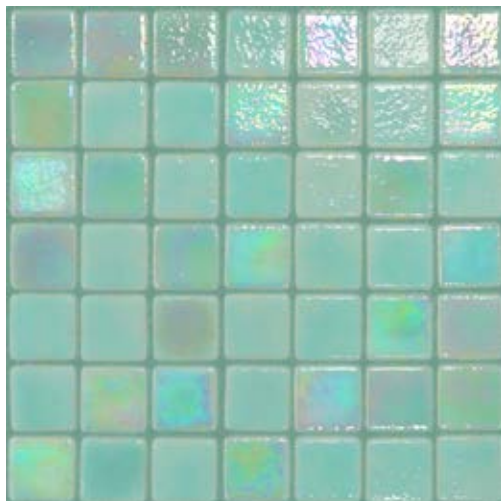
White
IM-0027581



Dark Blue
IM-0025651



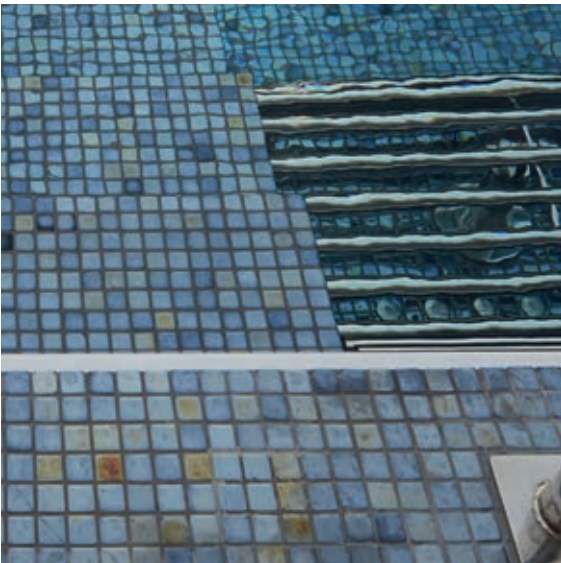
Light Blue
IM-0025628



Green
IM-0026784



Grey
IM-0025930



< The page opposite shows Lava in various settings and from varying angles



Metal - Lava

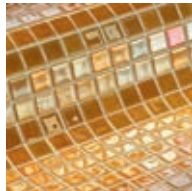
This stunning glass mosaic offers a sophisticated metallic look that is both contemporary and timeless.

Lava
SM-LAVAMOS

Other options in this finish:



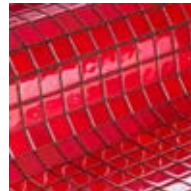
Nickel
SM-NICKMOS



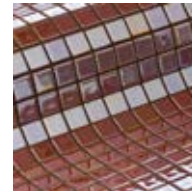
Aurum
SM-AURUMOS



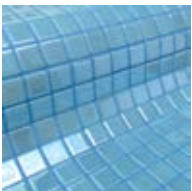
Oxido
SM-OXIDMOS



Rubi
SM-RUBIMOS



Opalo
SM-OPALMOS



Vanadium
SM-VANAMOS



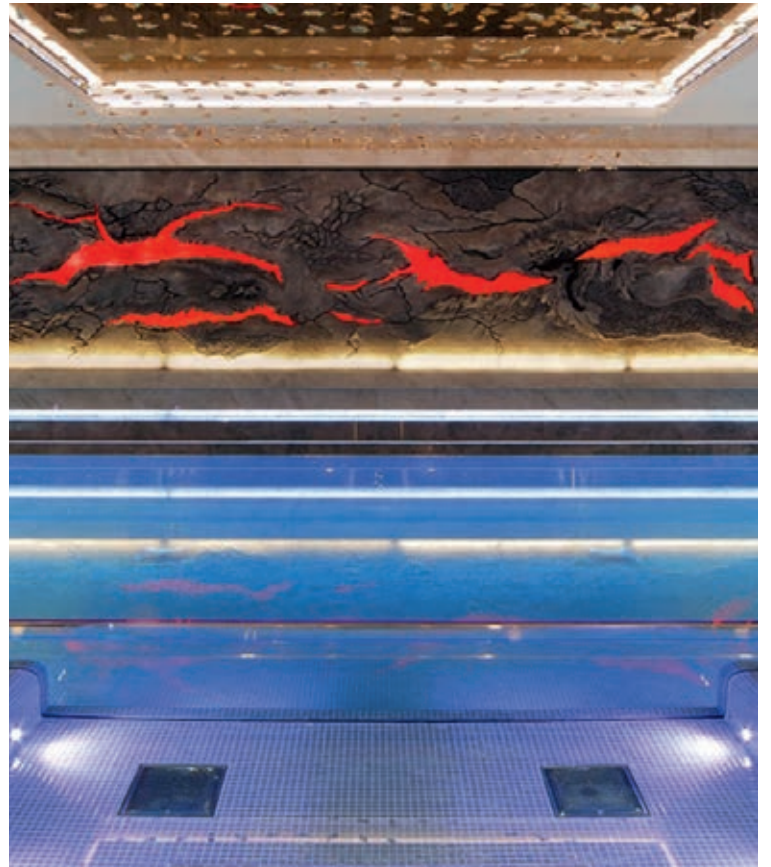
Azurita
SM-AZTAMOS



Esmerelda
SM-ESMMOS



Inox
SM-INOXMOS



◀ The page opposite shows Inox in various settings and from varying angles



Inox
SM-INOXMOS

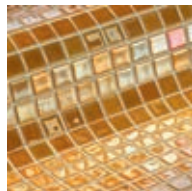
Metal - Inox

This stunning glass mosaic offers a sophisticated metallic look that is both contemporary and timeless.

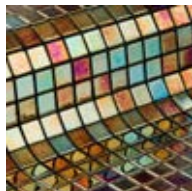
Other options in this finish:



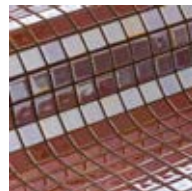
Nickel
SM-NICKMOS



Aurum
SM-AURUMOS



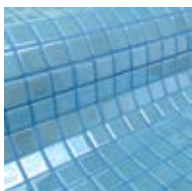
Oxido
SM-OXIDMOS



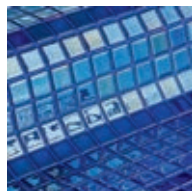
Opalo
SM-OPALMOS



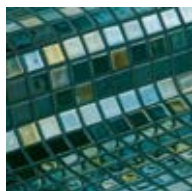
Rubi
SM-RUBIMOS



Vanadium
SM-VANAMOS



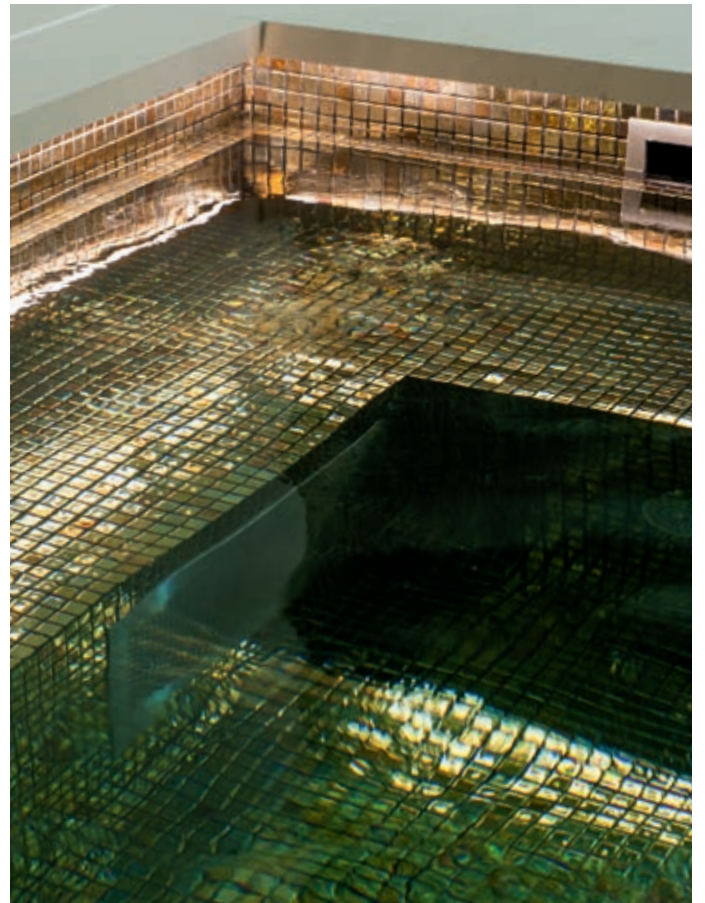
Azurita
SM-AZTAMOS



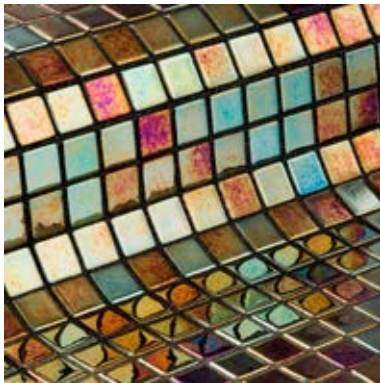
Esmerelda
SM-ESMMOS



Lava
SM-LAVAMOS



< The page opposite shows Oxido in various settings and from varying angles



Metal - Oxido

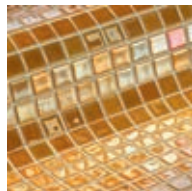
This stunning glass mosaic offers a sophisticated metallic look that is both contemporary and timeless.

Oxido
SM-OXIDMOS

Other options in this finish:



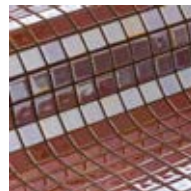
Nickel
SM-NICKMOS



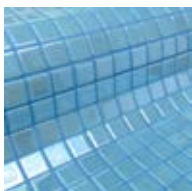
Aurum
SM-AURUMOS



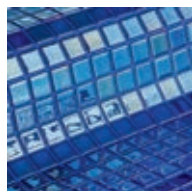
Rubi
SM-RUBIMOS



Opalo
SM-OPALMOS



Vanadium
SM-VANAMOS



Azurita
SM-AZTAMOS



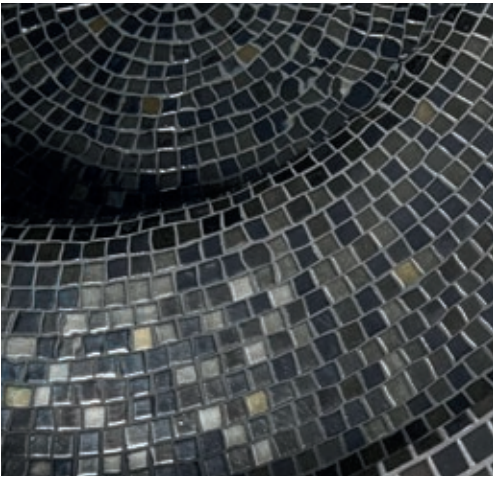
Esmerelda
SM-ESMMOS



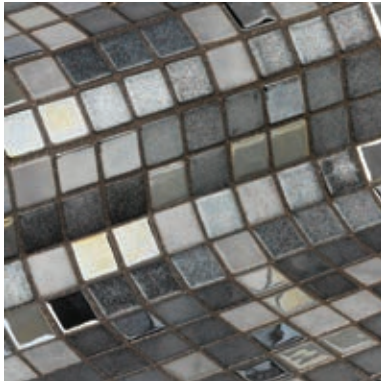
Lava
SM-LAVAMOS



Inox
SM-INOXMOS



< The page opposite shows Gin Fizz in various settings and from varying angles

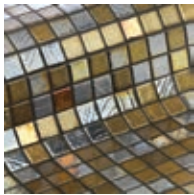


Gin Fizz
SM-GINFMOS

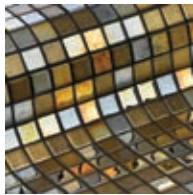
Cocktails - Gin Fizz

A range of glorious mosaics named after famous cocktails. Like their namesakes, they have been skillfully blended to suit different tastes and moods.

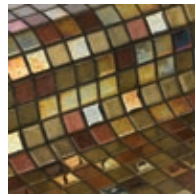
Other options in this finish:



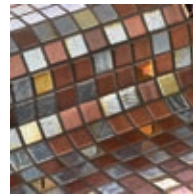
Kir Royal
SM-KIRRMOS



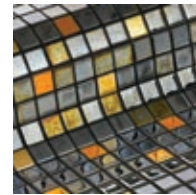
Alexander
SM-ALEXMOS



Cosmopolitan
SM-COSPMOS



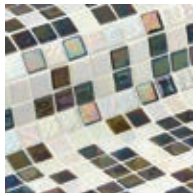
Bloody Mary
SM-BDMRMOS



Margarita
SM-MARGMOS



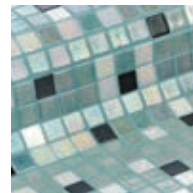
Mojito
SM-MOTOMOS



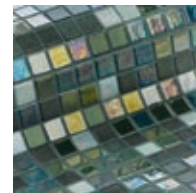
Manhattan
SM-MANH MOS



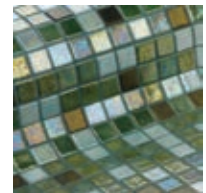
Daikiri
SM-DAKIMOS



Caipirinha
SM-CPRHMOS



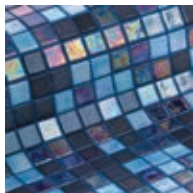
Tomahawk
SM-TMHKMOS



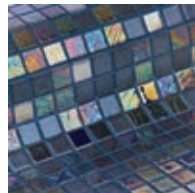
Grasshopper
SM-GRASMOS



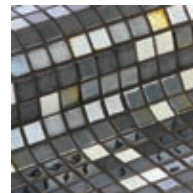
Long Island
SM-LNISMOS



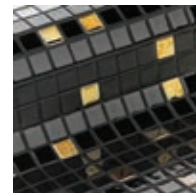
Blue Lagoon
SM-BLLAMOS



Blue Moon
SM-BLMNMOS



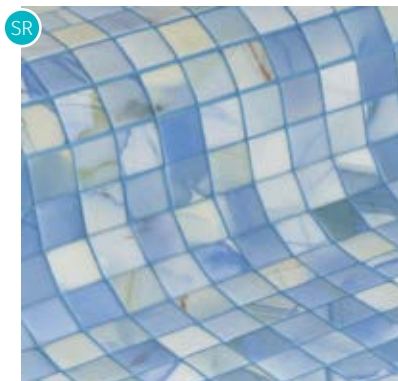
San Francisco
SM-SNFRMOS



Eclipse
SM-ECLPMOS



< The page opposite shows Washes (top), Strokes (bottom left), Pigment (bottom right)



Washes
IM-0026748

Aquarelle - Washes

The Aquarelle range captures the natural beauty of watercolour paints and brushstrokes on paper. Watch them come to life in the pool as they shift and dance with the natural movement of the water.

All Aquarelle colours are slip resistant 

Other options in this finish:



Shades
IM-0026742



Layers
IM-0026745



Stripes
IM-0026747



Rims
IM-0026744



Strokes
IM-0026746



Fluid
IM-0026751



Pigment
IM-0026753



Blots
IM-0026750



Sponge
IM-0026749



Wet-in-wet
IM-0026752



Effect
IM-0026754



◀ The page opposite shows Quartz (top), Celestite (bottom left), Lace (bottom right)



Gemma - Quartz

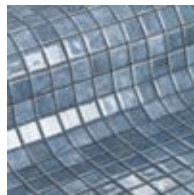
Lustrous marbled effect mosaics in a range of sumptuous gemstone and mineral colours that will shimmer and reflect light around your pool

Quartz
IM-0025583

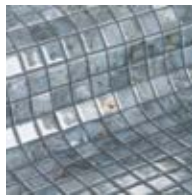
Other options in this finish:



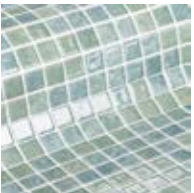
Celestite
IM-0026742



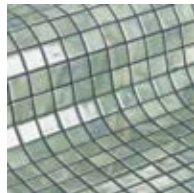
Lapis
IM-0025720



Hematite
IM-0025672



Peridot
IM-0025904



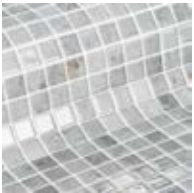
Lace
IM-0025556



Cuprite
IM-0025806



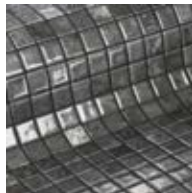
Berilo
IM-0025514



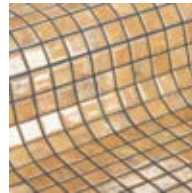
Gibeon
IM-0025771



Magnet
IM-0025735



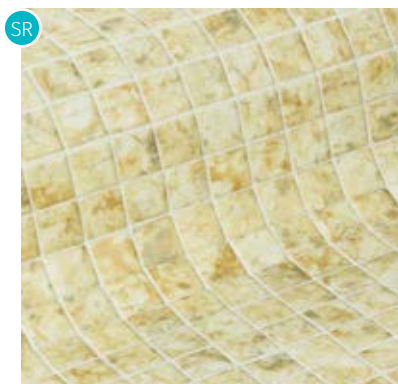
Zircon
IM-0025885



Garnet
IM-0026041



◀ The page opposite shows Sandstone in various settings and from varying angles



Sandstone
SM-SNSTMOS



Zen - Sandstone

Achieve a sense of balance and harmony with Zen mosaics – a range inspired by natural stone, marble and wood.

The Zen range includes 12 slip-resistant **SR** colours

Corners and Coves

are available in selected colours.
See page 42 for details



Other options in this finish:



Carrara
SM-CARRMOS



Ash
SM-ASHMOS



Pale Cherry
SM-PLCHMOS



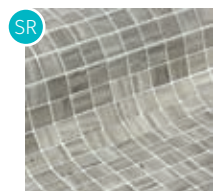
Oak
SM-OAKMOS



Dolerite
SM-DOLEMOS



Riverstone
SM-RVSTMOS



Creamstone
SM-CREMMOS



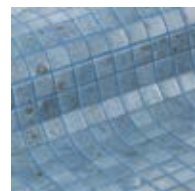
Sarsen
SM-SARSMOS



Bluestone
SM-BLSTMOS



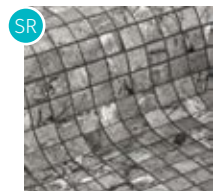
Travertino
SM-TRAVMOS



Makauba
SM-MAKAMOS



Palisandro
SM-PALIMOS



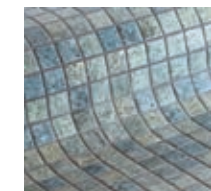
Fior Di Bosco
SM-FIORMOS



Tigrato
SM-TIGRMOS



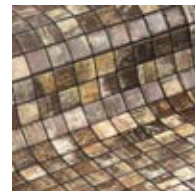
Phyllite
SM-PHYLMOS



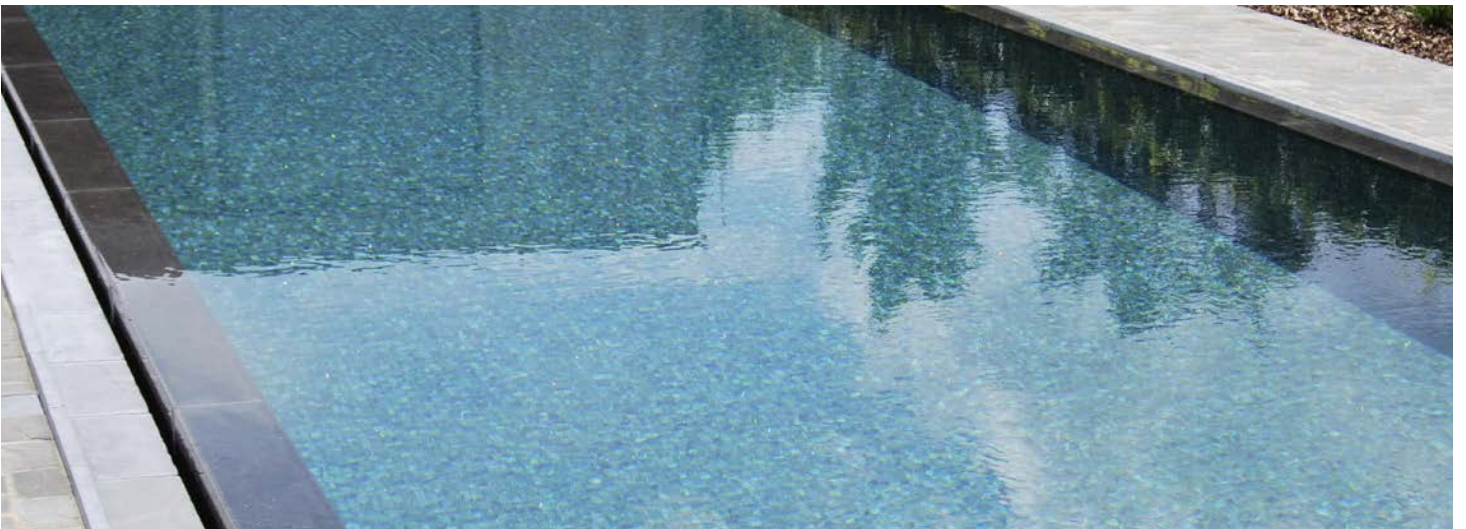
Bali Stone
SM-BASTMOS



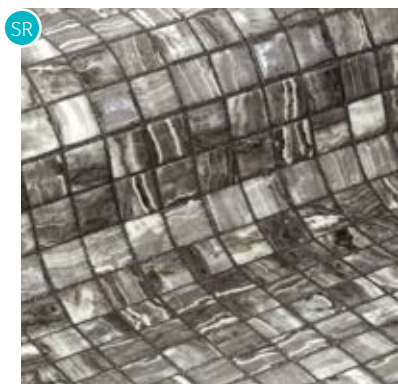
Black Marble
SM-BLKMMOS



Rustic
SM-RUSTMOS



◀ The page opposite shows Tigrato in various settings and from varying angles



Tigrato
SM-TIGRMOS

Zen - Tigrato

Achieve a sense of balance and harmony with Zen mosaics – a range inspired by natural stone, marble and wood.

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Corners and Coves

are available in selected colours.
See page 42 for details



Other options in this finish:



Carrara
SM-CARRMOS



Ash
SM-ASHMOS



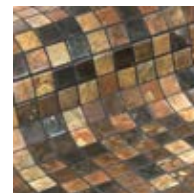
Pale Cherry
SM-PLCHMOS



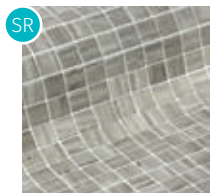
Oak
SM-OAKMOS



Dolerite
SM-DOLEMOS



Riverstone
SM-RVSTMOS



Creamstone
SM-CREMMOS



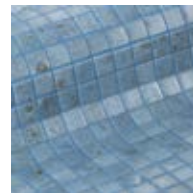
Sarsen
SM-SARSMOS



Bluestone
SM-BLSTMOS



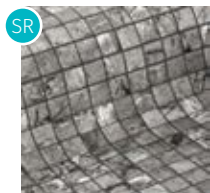
Travertino
SM-TRAVMOS



Makauba
SM-MAKAMOS



Palisandro
SM-PALIMOS



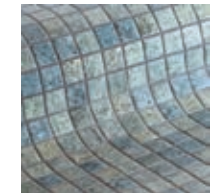
Fior Di Bosco
SM-FIORMOS



Sandstone
SM-SNSTMOS



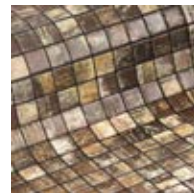
Phyllite
SM-PHYLMOS



Bali Stone
SM-BASTMOS



Black Marble
SM-BLKMMOS



Rustic
SM-RUSTMOS



◀ The page opposite shows Sarsen in various settings and from varying angles



Sarsen
SM-SARSMOS



Zen - Sarsen

Achieve a sense of balance and harmony with Zen mosaics – a range inspired by natural stone, marble and wood.

The Zen range includes 12 slip-resistant **SR** colours

Corners and Coves

are available in selected colours.
See page 42 for details



Other options in this finish:



Carrara
SM-CARRMOS



Ash
SM-ASHMOS



Pale Cherry
SM-PLCHMOS



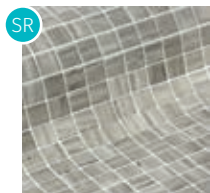
Oak
SM-OAKMOS



Dolerite
SM-DOLEMOS



Riverstone
SM-RVSTMOS



Creamstone
SM-CREMMOS



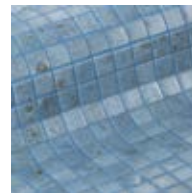
Sandstone
SM-SNSTMOS



Bluestone
SM-BLSTMOS



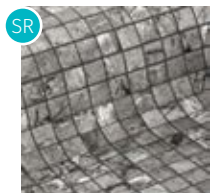
Travertino
SM-TRAVMOS



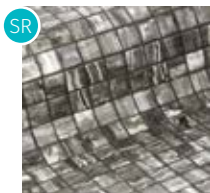
Makauba
SM-MAKAMOS



Palisandro
SM-PALIMOS



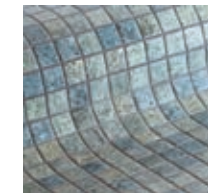
Fior Di Bosco
SM-FIORMOS



Tigrato
SM-TIGRMOS



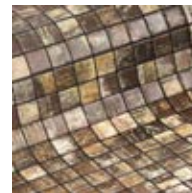
Phyllite
SM-PHYLMOS



Bali Stone
SM-BASTMOS



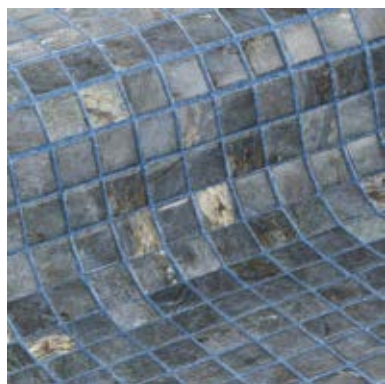
Black Marble
SM-BLKMMOS



Rustic
SM-RUSTMOS



< The page opposite shows Dolerite in various settings and from varying angles




Dolerite
SM-DOLEMOS



Zen - Dolerite

Achieve a sense of balance and harmony with Zen mosaics – a range inspired by natural stone, marble and wood.





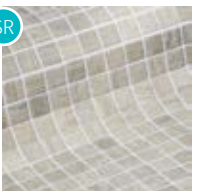

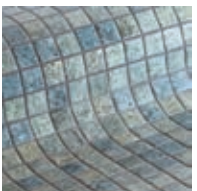

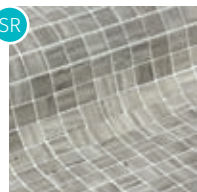






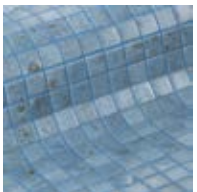

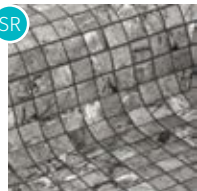
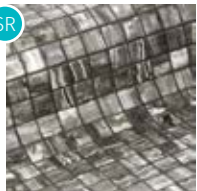





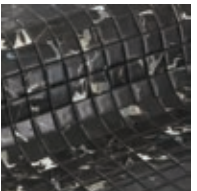

The Zen range includes 12 slip-resistant 'Safe Step'  colours

Corners and Coves

are available in selected colours.
See page 42 for details

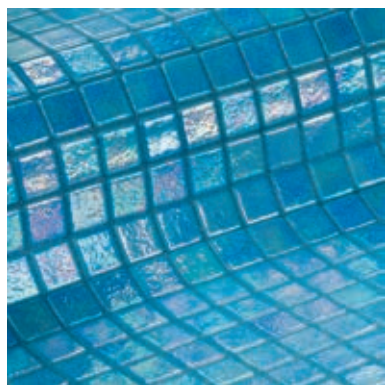


Other options in this finish:

 Carrara SM-CARRMOS 	 Ash SM-ASHMOS 	 Pale Cherry SM-PLCHMOS	 Oak SM-OAKMOS	 Bali Stone SM-BASTMOS	 Riverstone SM-RVSTMOS
 Creamstone SM-CREMMOS 	 Sarsen SM-SARSMOS 	 Bluestone SM-BLSTMOS 	 Travertino SM-TRAVMOS	 Makauba SM-MAKAMOS	 Palisandro SM-PALIMOS
 Fior Di Bosco SM-FIORMOS	 Tigrato SM-TIGRMOS 	 Phyllite SM-PHYLMOS 	 Sandstone SM-SNSTMOS 	 Black Marble SM-BLKMMOS	 Rustic SM-RUSTMOS



◀ The page opposite shows Azur in various settings and from varying angles



Iris - Azur

Choose Iris for dazzling iridescence and stunning colours.

Slip Resistant 'Safe Step' options are available in the following colours:

Azur / Cobre / Cuarzo / Jade / Ocean / Perla / Zafiro

Azur
SM-AZURMOS

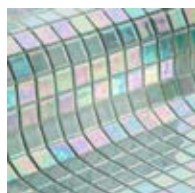
Other options in this finish:



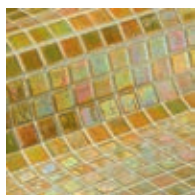
Diamond
SM-DIAMMOS



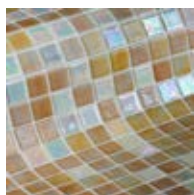
Stone
SM-STNEMOS



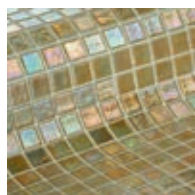
Perla
SM-PERLMOS



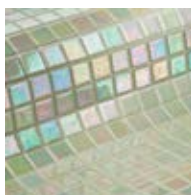
Ambar
SM-AMBAMOS



Sahara
SM-SAHMIXMOS



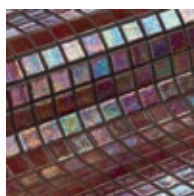
Arena
SM-ARENMOS



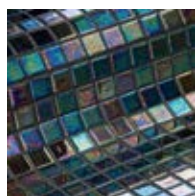
Marfil
SM-MRFLMOS



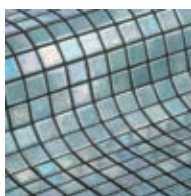
Nacar
SM-NCARMOS



Cobre
SM-COBRMOS



Ebano
SM-EBANMOS



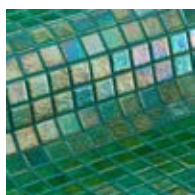
Cuarzo
SM-CRZOMOS



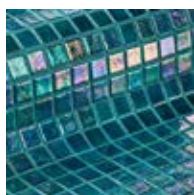
Moon
SM-MOONMIXMOS



Coral
SM-CORLMOS



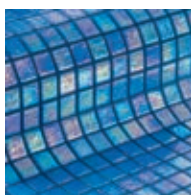
Green Pearl
SM-GNPLMOS



Jade
SM-JADEMOS



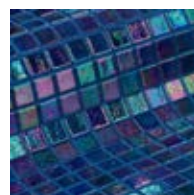
Sky
SM-SKYMIXMOS



Ocean
SM-OCENMOS



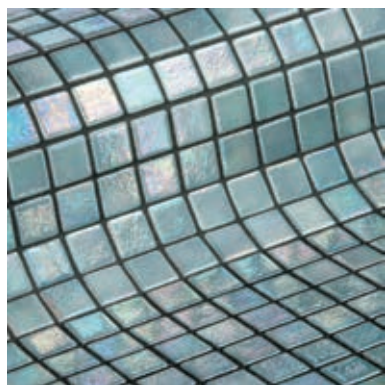
Oasis
SM-OASMIXMOS



Zafiro
SM-ZAFRMOS



◀ The page opposite shows Cuarzo in various settings and from varying angles



Iris - Cuarzo

Choose Iris for dazzling iridescence and stunning colours.

Slip Resistant 'Safe Step' options are available in the following colours:

Azur / Cobre / Cuarzo / Jade / Ocean / Perla / Zafiro

Cuarzo
SM-CRZOMOS

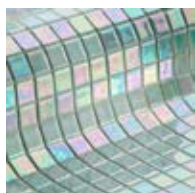
Other options in this finish:



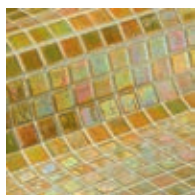
Diamond
SM-DIAMMOS



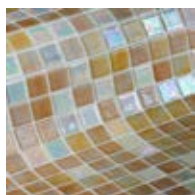
Stone
SM-STNEMOS



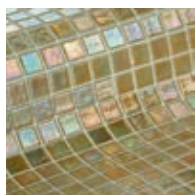
Perla
SM-PERLMOS



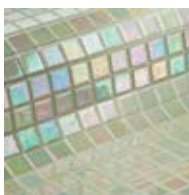
Ambar
SM-AMBAMOS



Sahara
SM-SAHMIXMOS



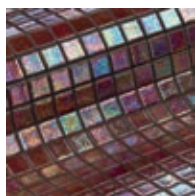
Arena
SM-ARENMOS



Marfil
SM-MRFLMOS



Nacar
SM-NCARMOS



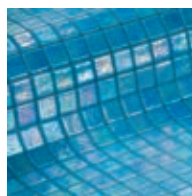
Cobre
SM-COBRMOS



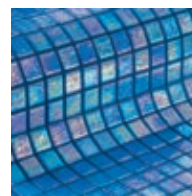
Moon
SM-MOONMIXMOS



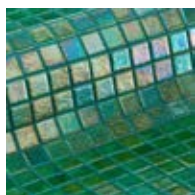
Coral
SM-CORLMOS



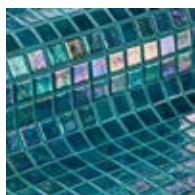
Azur
SM-AZURMOS



Ocean
SM-OCENMOS



Green Pearl
SM-GNPLMOS



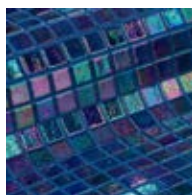
Jade
SM-JADEMOS



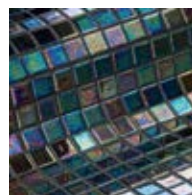
Sky
SM-SKYMIXMOS



Oasis
SM-OASMIXMOS



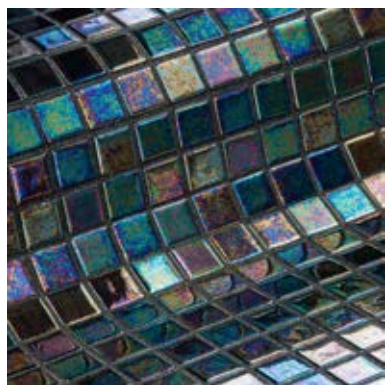
Zafiro
SM-ZAFRMOS



Ebano
SM-EBANMOS



◀ The page opposite shows Ebano in various settings and from varying angles



Ebano
SM-EBANMOS

Iris - Ebano

Choose Iris for dazzling iridescence and stunning colours.

Slip Resistant 'Safe Step' options are available in the following colours:

Azur / Cobre / Cuarzo / Jade / Ocean / Perla / Zafiro

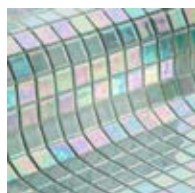
Other options in this finish:



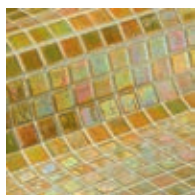
Diamond
SM-DIAMMOS



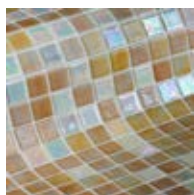
Stone
SM-STNEMOS



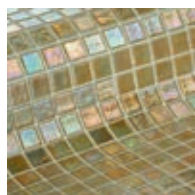
Perla
SM-PERLMOS



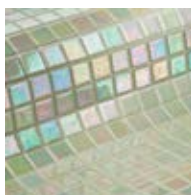
Ambar
SM-AMBAMOS



Sahara
SM-SAHMIXMOS



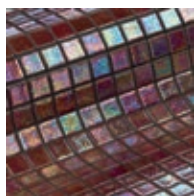
Arena
SM-ARENMOS



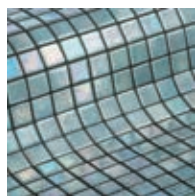
Marfil
SM-MRFLMOS



Nacar
SM-NCARMOS



Cobre
SM-COBRMOS



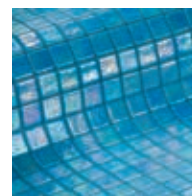
Cuarzo
SM-CRZOMOS



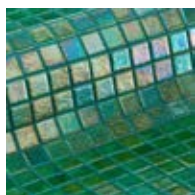
Moon
SM-MOONMIXMOS



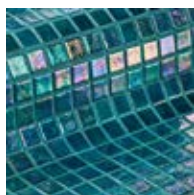
Coral
SM-CORLMOS



Azur
SM-AZURMOS



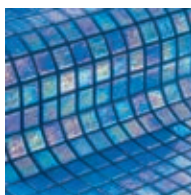
Green Pearl
SM-GNPLMOS



Jade
SM-JADEMOS



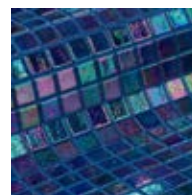
Sky
SM-SKYMIXMOS



Ocean
SM-OCENMOS



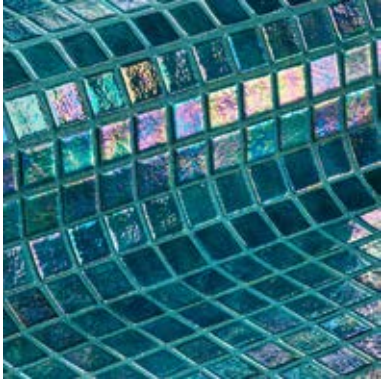
Oasis
SM-OASMIXMOS



Zafiro
SM-ZAFRMOS



◀ The page opposite shows Jade in various settings and from varying angles



Iris - Jade

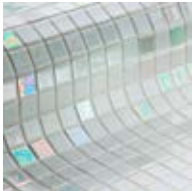
Choose Iris for dazzling iridescence and stunning colours.

Slip Resistant 'Safe Step' options are available in the following colours:

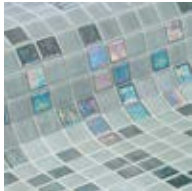
Azur / Cobre / Cuarzo / Jade / Ocean / Perla / Zafiro

Jade
SM-JADEMOS

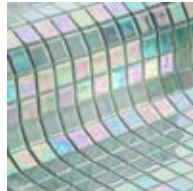
Other options in this finish:



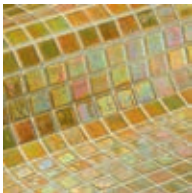
Diamond
SM-DIAMMOS



Stone
SM-STNEMOS



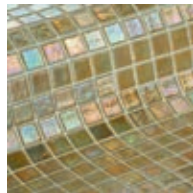
Perla
SM-PERLMOS



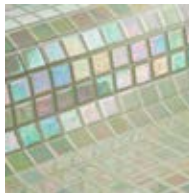
Ambar
SM-AMBAMOS



Sahara
SM-SAHMIXMOS



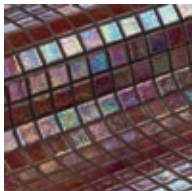
Arena
SM-ARENMOS



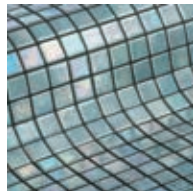
Marfil
SM-MRFLMOS



Nacar
SM-NCARMOS



Cobre
SM-COBRMOS



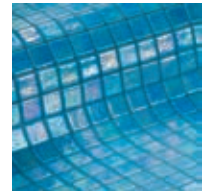
Cuarzo
SM-CRZOMOS



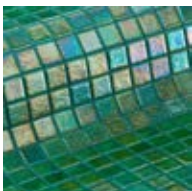
Moon
SM-MOONMIXMOS



Coral
SM-CORLMOS



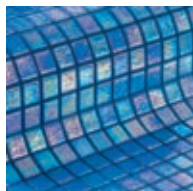
Azur
SM-AZURMOS



Green Pearl
SM-GNPLMOS



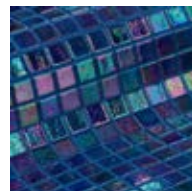
Sky
SM-SKYMIXMOS



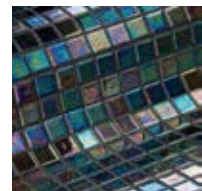
Ocean
SM-OCENMOS



Oasis
SM-OASMIXMOS



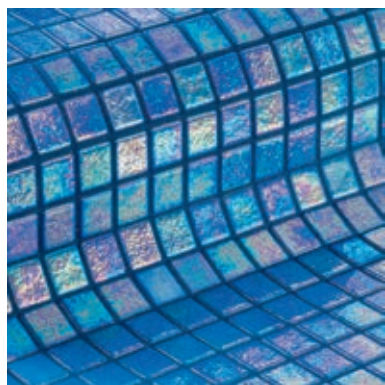
Zafiro
SM-ZAFRMOS



Ebano
SM-EBANMOS



◀ The page opposite shows Ocean in various settings and from varying angles



Iris - Ocean

Choose Iris for dazzling iridescence and stunning colours.

Slip Resistant 'Safe Step' options are available in the following colours:

Azur / Cobre / Cuarzo / Jade / Ocean / Perla / Zafiro

Ocean
SM-OCENMOS

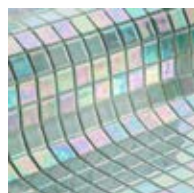
Other options in this finish:



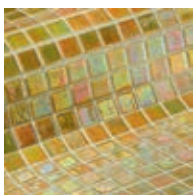
Diamond
SM-DIAMMOS



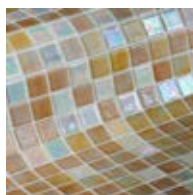
Stone
SM-STNEMOS



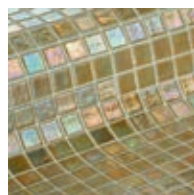
Perla
SM-PERLMOS



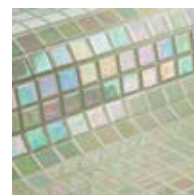
Ambar
SM-AMBAMOS



Sahara
SM-SAHMIXMOS



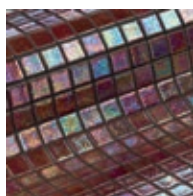
Arena
SM-ARENMOS



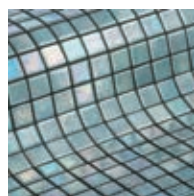
Marfil
SM-MRFLMOS



Nacar
SM-NCARMOS



Cobre
SM-COBRMOS



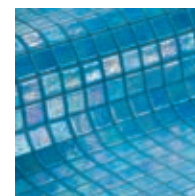
Cuarzo
SM-CRZOMOS



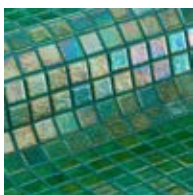
Moon
SM-MOONMIXMOS



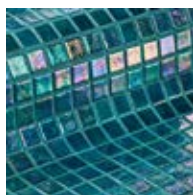
Coral
SM-CORLMOS



Azur
SM-AZURMOS



Green Pearl
SM-GNPLMOS



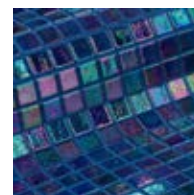
Jade
SM-JADEMOS



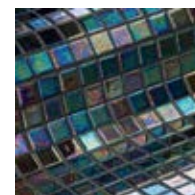
Sky
SM-SKYMIXMOS



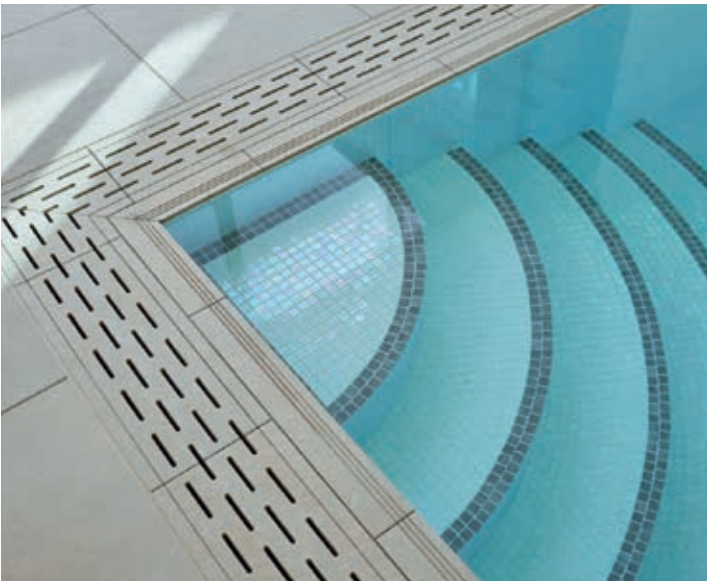
Oasis
SM-OASMIXMOS



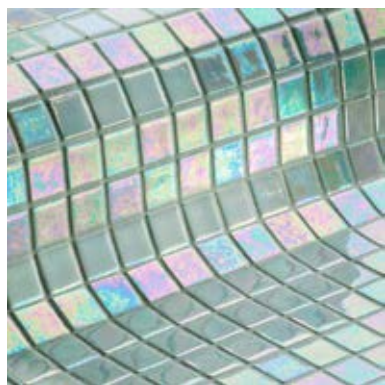
Zafiro
SM-ZAFRMOS



Ebano
SM-EBANMOS



◀ The page opposite shows Perla in various settings and from varying angles



Iris - Perla

Choose Iris for dazzling iridescence and stunning colours.

Slip Resistant 'Safe Step' options are available in the following colours:

Azur / Cobre / Cuarzo / Jade / Ocean / Perla / Zafiro

Perla
SM-PERLMOS

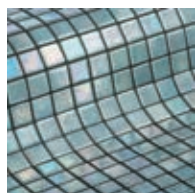
Other options in this finish:



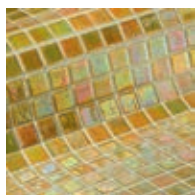
Diamond
SM-DIAMMOS



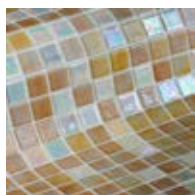
Stone
SM-STNEMOS



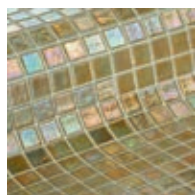
Cuarzo
SM-CRZOMOS



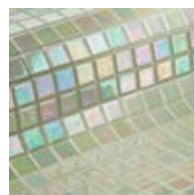
Ambar
SM-AMBAMOS



Sahara
SM-SAHMIXMOS



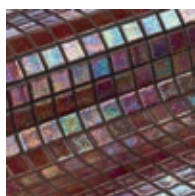
Arena
SM-ARENMOS



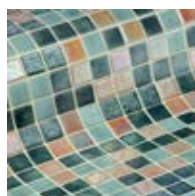
Marfil
SM-MRFLMOS



Nacar
SM-NCARMOS



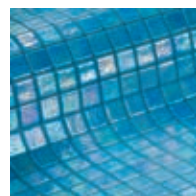
Cobre
SM-COBRMOS



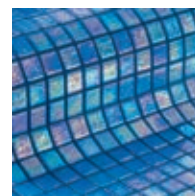
Moon
SM-MOONMIXMOS



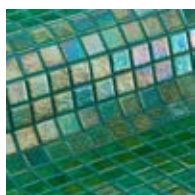
Coral
SM-CORLMOS



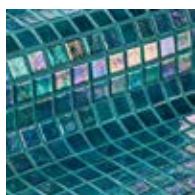
Azur
SM-AZURMOS



Ocean
SM-OCENMOS



Green Pearl
SM-GNPLMOS



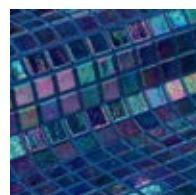
Jade
SM-JADEMOS



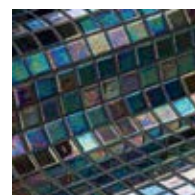
Sky
SM-SKYMIXMOS



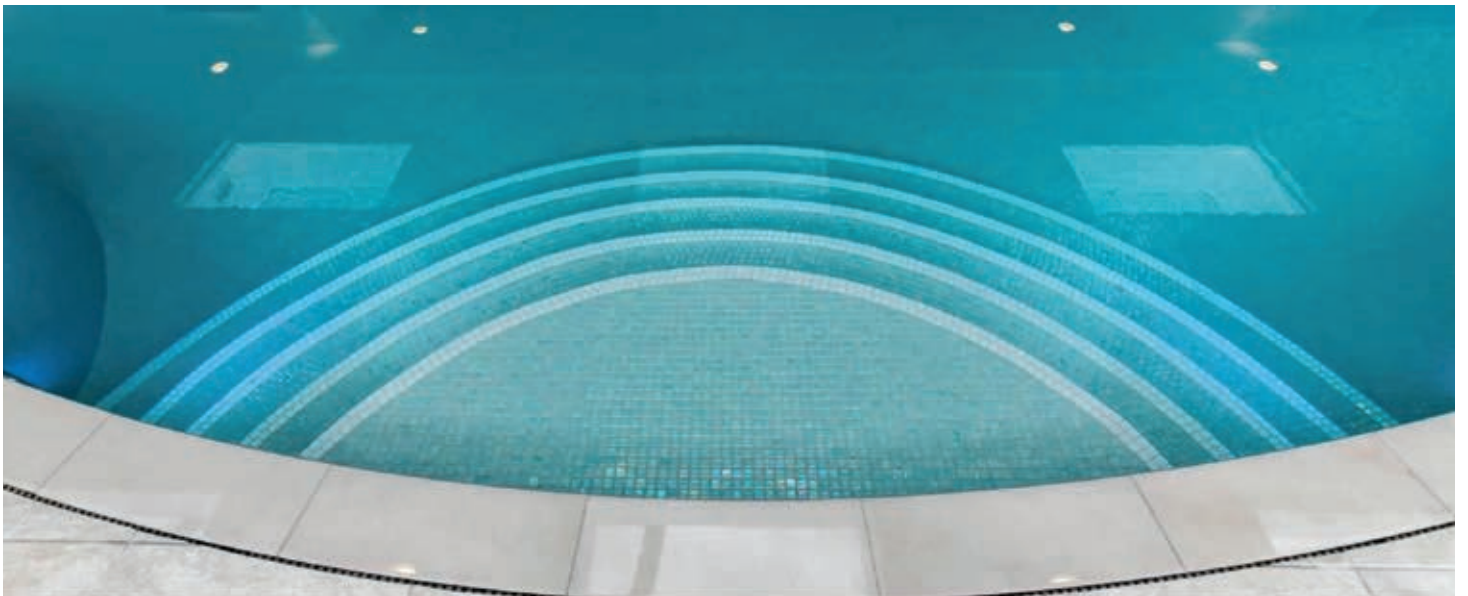
Oasis
SM-OASMIXMOS



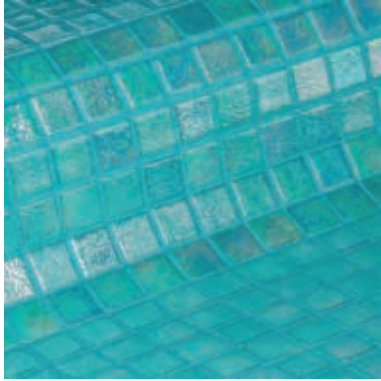
Zafiro
SM-ZAFRMOS



Ebano
SM-EBANMOS



◀ The page opposite shows Coral in various settings and from varying angles



Iris - Coral

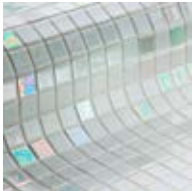
Choose Iris for dazzling iridescence and stunning colours.

Slip Resistant 'Safe Step' options are available in the following colours:

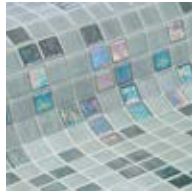
Azur / Cobre / Cuarzo / Jade / Ocean / Perla / Zafiro

Coral
SM-CORLMOS

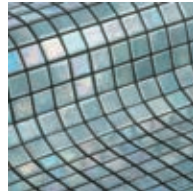
Other options in this finish:



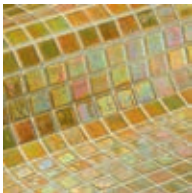
Diamond
SM-DIAMMOS



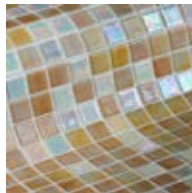
Stone
SM-STNEMOS



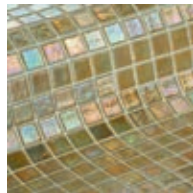
Cuarzo
SM-CRZOMOS



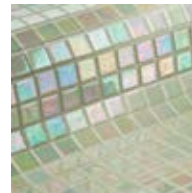
Ambar
SM-AMBAMOS



Sahara
SM-SAHMIXMOS



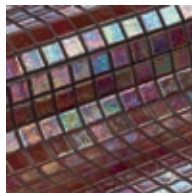
Arena
SM-ARENMOS



Marfil
SM-MRFLMOS



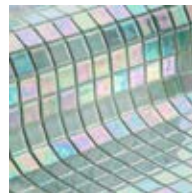
Nacar
SM-NCARMOS



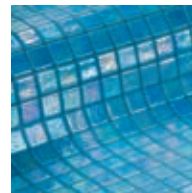
Cobre
SM-COBRMOS



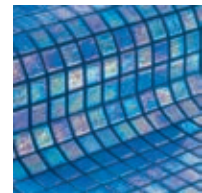
Moon
SM-MOONMIXMOS



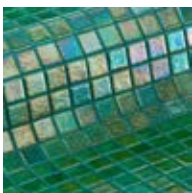
Perla
SM-PERLMOS



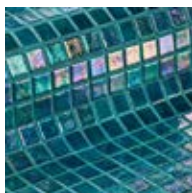
Azur
SM-AZURMOS



Ocean
SM-OCENMOS



Green Pearl
SM-GNPLMOS



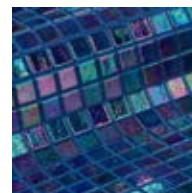
Jade
SM-JADEMOS



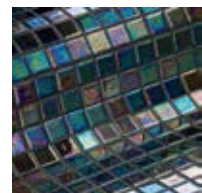
Sky
SM-SKYMIXMOS



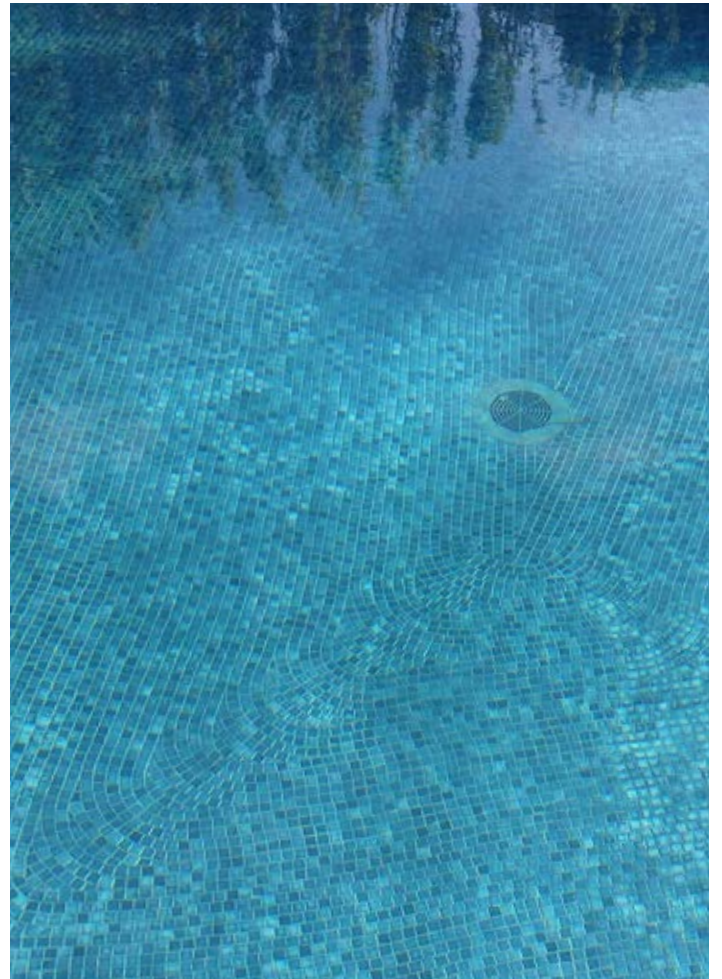
Oasis
SM-OASMIXMOS



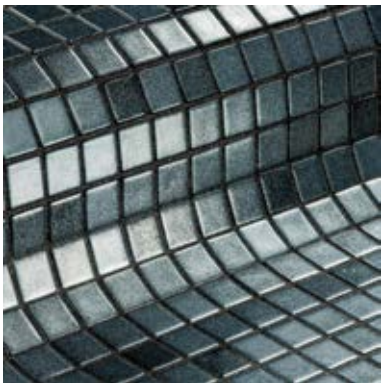
Zafiro
SM-ZAFRMOS



Ebano
SM-EBANMOS



< The page opposite shows Capricorn (top) and Sagittarius (bottom)

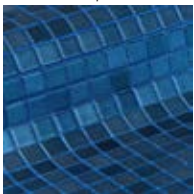


Space - Capricorn

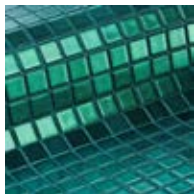
Rich, nebulous clouds of colour speckled over a dark background - like distant galaxies in the night sky

Capricorn
SM-CAPRMOS

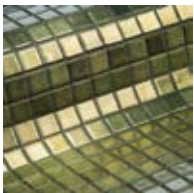
Other options in this finish:



Sagittarius
SM-SAGIMOS



Taurus
SM-TAUMOS



Aquarius
SM-AQUAMOS



Scorpio
SM-SCORMOS



Leo
SM-LEOMOS

Digital Print

Loved one or logo, we can immortalise them on the base of your pool or a shower wall.





2505-A



Niebla - 2505

Beautiful clouds of colour infused in to glass.

Slip Resistant 'Safe Step' options are available in the following colour codes:

2502 / 2503 / 2504 / 2505 / 2507 / 2508 / 2509 / 2511 / 2514 / 2516 / 2521 /

2522 / 2523 / 2529 / 2545 / 2560 / 2562 / 2576 / 2585 / 2586 / 2596

Please ensure that you state 'Safe Steps' when ordering if you require the slip resistant option

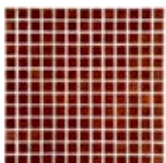
Corners and Covers

are available in selected colours.

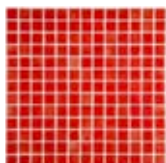
See page 48 for details



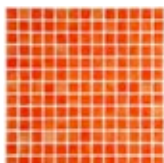
Other options in this finish:



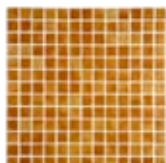
2504-A



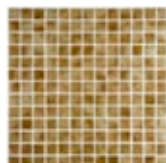
2506-C



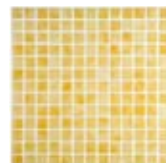
2509-C



2511-A



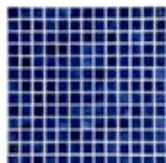
2513-A



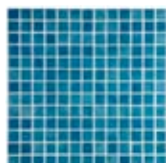
2525-B



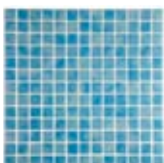
2526-B



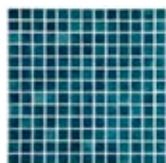
2503-D



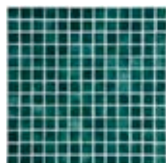
2510-A



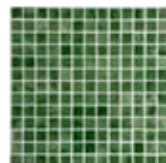
2508-A



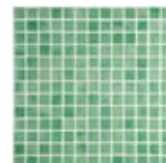
2502-A



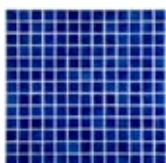
2586-A



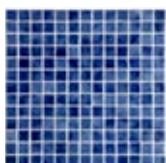
2585-B



2507-B



2512-C



2562-B



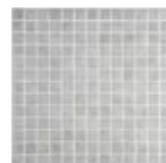
2529-B



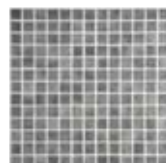
2521-B



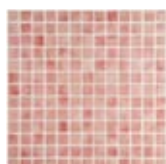
2545-A



2522-B



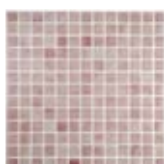
2560-A



2564-B



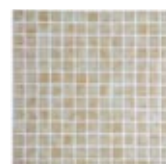
2523-B



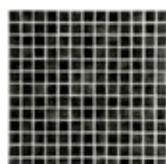
2524-B



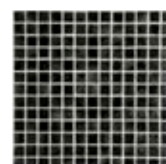
2596-B



2597-B



2501-B



2516-B



Niebla Mixes:



2577-C



25002-C



2518-B



2576-B



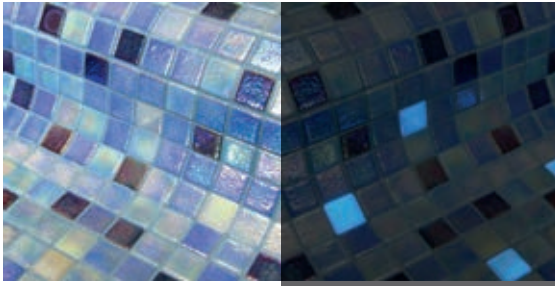
2514-B



25008-D



Delphinus
SM-DELMOS



Fosfo

Glow in the dark mosaics, charged with natural or artificial light. Available in random patterns or full-on light show effect.

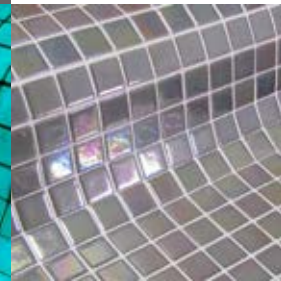
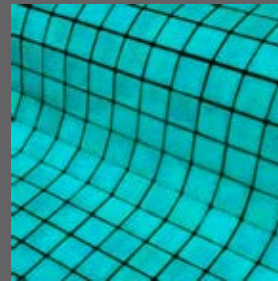
Draco
SM-DRAMOS



AFTERDARK

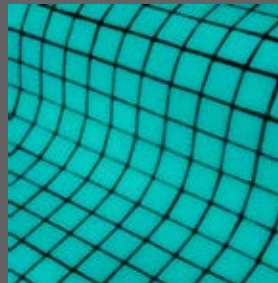
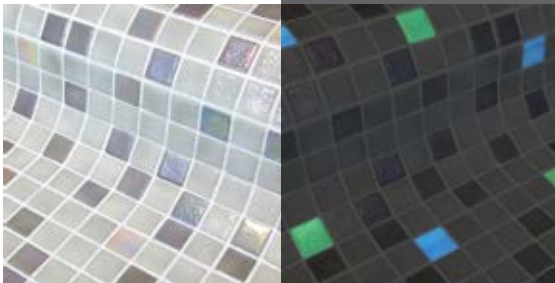
IN DAYLIGHT

Lepus
SM-LEPMOS



Fosfo Grey-Iris
SM-FOGIMOS

Serpens
SM-SERMOS

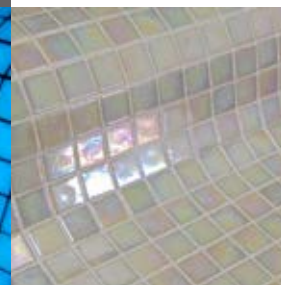
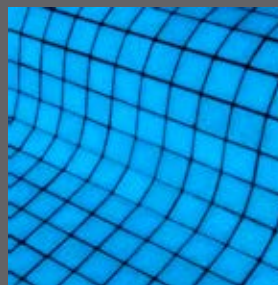
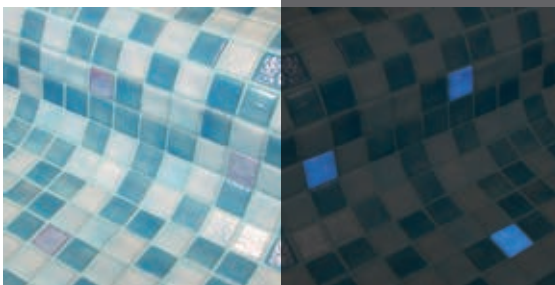


Fosfo
SM-FOFOMOS

Corner + Cove
available, see
page 48

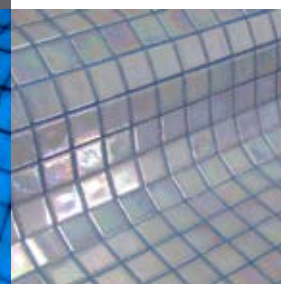
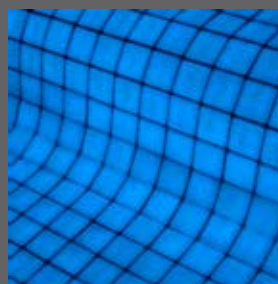
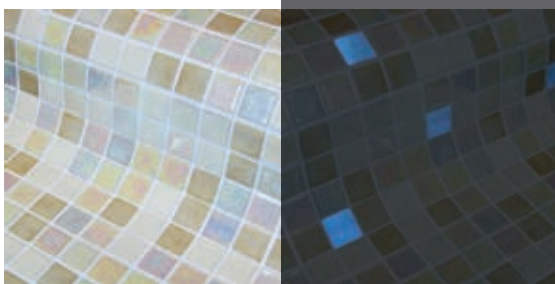


Aquila
SM-AQLMOS



Fosfo Beige-Iris
SM-FOBIMOS

Argo
SM-ARGMOS

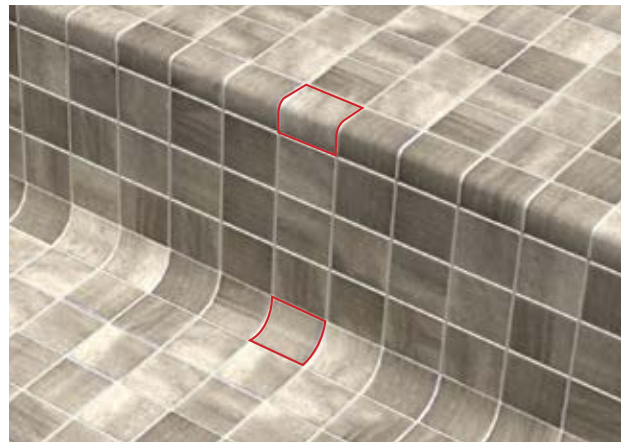


Fosfo Blue-Iris
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Corners & Coves

Featuring the same 'Safestep' slip-resistant finish as their matching mosaics, our range of Corners and Coves delivers a seamless finish for your pool.

Corners provide safe, smooth, foot-friendly edges and Coves create elegant, hygienic, internal corners. You can also use a contrasting tone to mark step edges for safety and for adding a design flourish.



Niebla
45 Corner



Niebla
05 Corner



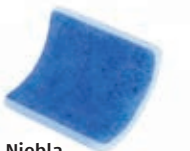
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03 Corner



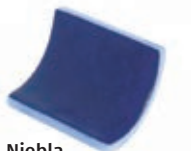
Niebla
16 Corner



Niebla
45 Cove



Niebla
05 Cove



Niebla
03 Cove



Niebla
16 Cove



Fosfo
Corner



Niebla
60 Corner



Zen
Ash Corner



Zen
Bali Stone Corner



Fosfo
Cove



Niebla
60 Cove



Zen
Ash Cove



Zen
Bali Stone Cove



Zen
Sandstone Corner



Zen
Sarsen Corner



Zen
Phyllite Corner



Zen
Carrara Corner



Zen
Creamstone Corner



Zen
Tigrato Corner



Zen
Dollerite Corner



Zen
Bluestone Corner

- Designworks Tiles strongly recommend the use of a premium installation system •

Installation Notes

Courtesy of LATICRETE®

Products referred to in this guide:

Latex-Portland Cement Thick Bed Mortar (wall renders):
LATICRETE® 3701 Fortified Mortar



Waterproofing and Crack Isolation Membrane:
LATICRETE® HYDRO BAN® or
LATICRETE® HYDRO BAN® Cementitious Waterproofing Membrane

Latex-Portland Cement Thinset Mortar:
LATICRETE® 254 Platinum White or
LATICRETE Glass Tile Adhesive Lite (GTA LITE).



Epoxy Adhesive:
LATICRETE LATAPOXY® 300 Adhesive

Latex-Portland Cement Grout:
LATICRETE® PERMACOLOR® Select Grout
or LATICRETE® PERMACOLOR® Grout



Stain-Resistant Epoxy Grout:
SPECTRALOCK® PRO Premium Grout

100% Silicone Caulk:
LATICRETE® LATASIL™ and
LATICRETE® LATASIL 9118 Primer



• LATICRETE® International, Inc. champions the use of Quality Labor for all tile and stone installations, specifically those represented by the NTCA Five Star Contractor Program (www.tile-assn.com/Member/FiveStar), the TCAA Trowel of Excellence Program (www.tcaainc.org/trowel-of-excellence.php), and the LATICRETE® Most Valued Partner (MVP) Program (www.laticrete.com/contractors/mvp_site.aspx).

• A LATICRETE® "System" approach to installation is covered by a comprehensive 25 year warranty (Reference LATICRETE DS 025.0APD) for all interior wall installations.

• Please contact your local LATICRETE® representative for assistance @ (800) 243-4788

OPTION #1 – FULLY TILED POOLS / WATER FEATURES:

Concrete Shell Tank Waterproofing: LATICRETE HYDRO BAN® Cementitious Waterproofing Membrane

Latex-Portland Cement Thick Bed Mortar (wall renders and floor screeds): LATICRETE® 3701 Fortified Mortar Bed (applied over a slurry bond coat of LATICRETE 254 Platinum at all horizontal planes). A notched trowel scratch coat of LATICRETE 254 Platinum (hardened) can also be applied at all vertical planes prior to the placement of LATICRETE 3701 Fortified Mortar Bed

Secondary Waterproofing Membrane & Crack Isolation Membrane: LATICRETE HYDRO BAN Waterproofing Membrane
Latex-Portland Cement Thinset Mortar: LATICRETE® 254 Platinum White or LATICRETE Glass Tile Adhesive Lite (GTA LITE).

Epoxy Adhesive: LATAPOXY 300 Adhesive

Latex-Portland Cement Grout: LATICRETE® PERMACOLOR® Select Grout or LATICRETE® PERMACOLOR® Grout
Grouting: LATICRETE SPECTRA LOCK® Pro Premium Grout

100% Silicone Caulk: LATICRETE® LATASIL™ and LATICRETE® LATASIL 9118 Primer

OPTION #2: PARTIALLY TILED POOLS / WATER FEATURES Waterline:

Concrete Shell Tank Waterproofing: LATICRETE HYDRO BAN® Cementitious Waterproofing Membrane (coating the entire tank). Consult with plaster manufacturer for any limitations in using cement based waterproofing membranes below their plaster. In addition, consult with plaster manufacturer on whether a plaster bond coat is required prior to placing plaster finish.

Latex-Portland Cement Thick Bed Mortar (wall renders and floor screeds): LATICRETE® 3701 Fortified Mortar Bed (applied over a slurry bond coat of LATICRETE 254 Platinum at all horizontal planes). A notched trowel scratch coat of LATICRETE 254 Platinum (hardened) can also be applied at all vertical planes prior to the placement of LATICRETE 3701 Fortified Mortar Bed

Secondary Waterproofing Membrane & Crack Isolation Membrane: LATICRETE HYDRO BAN Cementitious Waterproofing Membrane (extend this membrane layer at least 6" (150mm) below the tile layer and behind the plaster layer)

Latex-Portland Cement Thinset Mortar: LATICRETE® 254 Platinum White or LATICRETE Glass Tile Adhesive Lite (GTA LITE).

Epoxy Adhesive: LATAPOXY 300 Adhesive

Latex-Portland Cement Grout: LATICRETE® PERMACOLOR® Select Grout or LATICRETE® PERMACOLOR® Grout
Grouting: LATICRETE SPECTRA LOCK® Pro Premium Grout

(100% Silicone Caulk: LATICRETE® LATASIL™ and LATICRETE® LATASIL 9118 Primer

Tile and stone installation materials to be supplied solely by LATICRETE® International, Inc.; Bethany, CT; USA Telephone: 1 (203) 393-0010; Fax: 1 (203) 393-1684; E-mail: technicalservices@laticrete.com; Website: www.laticrete.com.

PREPARATIONS

Prior to commencing installation, the Contractor is to examine substrates and advise the General Contractor and Architect of all existing conditions and surface contamination which will require correction, before the work commences. Before starting, substrates are to be cleaned to remove concrete curing compounds, sealers, soil, mortar, dirt, dust, paint, etc. Curing compounds and sealers must be removed by bead-blasting, grit / sand blasting, hydro blasting, diamond wheel grinder with dustless vacuum attachment, or equivalent methods of mechanical scarifying. For tiles with edges shorter than 15" (375mm), maximum allowable substrate variation is ¼" in 10' (6mm in 3m) from the required plane, with no more than 1/16" variation in 12" (1.5mm variation in 300mm), when measured from the high points in the surface. Use LATICRETE® 3701 Fortified Mortar For trueing and flattening of concrete and masonry wall & floor substrates. Dry and dusty concrete and masonry surfaces are to be water washed, with excess water removed, just prior to the application of LATICRETE Systems Materials.

EXPANSION AND CONTROL JOINTS

Provide control or expansion joints as located in contract drawings and in full conformity, especially in width and depth, with architectural details.

- Substrate joints must carry through, full width, to surface of tile.
- Install expansion joints in tile over construction/cold joints or control joints in substrates.
- Install expansion joints where tile, abut restraining surfaces (such as perimeter walls, curbs, columns), changes in plane and corners.
- Joint width and spacing depends on application - follow TCNA "Handbook for Ceramic, Glass, and Stone Tile Installation" Detail "EJ-171 Expansion Joints" or consult sealant manufacturer for recommendation based on project parameters.
- Joint width: $\geq \frac{1}{8}"$ (3mm) and $\leq 1"$ (25mm).
- Joint width: depth $\geq 2:1$ but joint depth must be $\geq \frac{1}{8}"$ (3mm) and $\leq \frac{1}{2}"$ (12mm).

Layout (field defined by joints): 1:1 length: width is optimum but must be $\leq 2:1$. Remove all contaminants and foreign material from joint spaces/surfaces, such as dirt, dust, oil, water, frost, setting/grouting materials, sealers and old sealant/backer. Use LATICRETE® LATASIL™ 9118 Primer for underwater and permanent wet area applications, or for porous stone (e.g. limestone, sandstone etc...) installations. Install appropriate backing material (e.g. closed cell backer rod) based on expansion joint design and as specified in section 07 92 00. Apply masking tape to face of tile, veneer. Use caulking gun, or other applicator, to completely fill joints with sealant. Within 5-10 minutes of filling joint, 'tool' sealant surface to a smooth finish. Remove masking tape immediately after tooling joint. Wipe excess sealant off all surfaces immediately.

MIXING

Mix according to printed product instructions included with each LATICRETE® product package.
Cementitious Waterproofing Membrane

LATICRETE® HYDRO BAN Cementitious Waterproofing Membrane is a one component, polymer fortified, cement based waterproofing material that mixes with water. This product can be used on walls and floors in wet areas; swimming pools, water features and fountains, balconies and terraces over unoccupied space. HYDRO BAN Cementitious Waterproofing Membrane handles negative & positive hydrostatic pressure up to 2 BARS (29 PSI) when applied at 40 MILS (1mm) thick. Flood test within 2 hours. Passes ANSI A118.10 Waterproofing and ANSI A118.12 Crack Isolation (with mesh/fabric up to 1/8" (3mm)). HYDRO BAN Cementitious Waterproofing Membrane can be applied using a paint brush, roller or trowel. All areas must have 40 mils (1.02 mm) to ensure waterproofing capabilities. For best results, use a 1/4"-1/2" nap roller to apply. A brush or v-notch trowel can also be used as well.

Apply generously to achieve 40 mils. Allow any pre-treated areas to dry to the touch. Apply a liberal coat^^ of HYDRO BAN Cementitious Waterproofing Membrane with brush or roller over substrate including pre-treated areas. Immediately or once dry to the touch. Apply another liberal coat^^ of HYDRO BAN Cementitious Waterproofing Membrane over the first coat. Let topcoat dry to the touch, approximately 1-2 hours at 70°F (21°C) and 50% RH. When last coat has dried to the touch, inspect final surface for pinholes, voids, thin spots or other defects. Use additional HYDRO BAN Cementitious Waterproofing Membrane to seal defects.

^^ Wet coat thickness is 20 mils (0.5 mm) consumption per coat is -0.01/gal/ft² (-0.4 l/m²); coverage per coat is - 120 ft²/gal (-2.5m²/l). Use wet film gauge to check thickness.

MORTAR BEDS & WALL RENDERS

No slurry bond coat is required prior to placing wall renders. Apply LATICRETE® 3701 Fortified Mortar with a steel trowel pressing mortar into good contact with the substrate. Apply "scratch coat" first - not to exceed 1/2" (12 mm) thickness. Scratch mortar before it hardens. After "scratch coat" hardens, apply the "brown or float coat" working the mortar into good contact with the scratch coat. Do not exceed 5/8" (15 mm) thickness per lift. Scratch all lifts that will receive additional float coats. Float wall with steel trowel and straight edges to form a plumb and true mortar surface. Allow the completed render coats to cure for 24 hours at 70°F (21° C) prior to the installation of tile with the Thin Bed Method. For floor screeds, apply a slurry bond coat of L-254 Platinum prior to placing mortar bed consisting of LATICRETE 3701 Fortified Mortar Bed.

WATERPROOFING AND CRACK ISOLATION MEMBRANE INSTALLATION

Install LATICRETE® HYDRO BAN® in compliance with current revisions of ANSI A108.1 (2.7 Waterproofing), ANSI A108.13, and ANSI A108.17. Review the installation and plan the application sequence. Pre-cut LATICRETE Waterproofing/Anti-Fracture Fabric (if required), allowing 2" (50mm) for overlap at ends and sides to fit the areas as required. Roll up the pieces for easy handling and placement. Shake or stir HYDRO BAN® before using.

Pre-Treat Cracks and Joints - Fill all substrate cracks, cold joints and control joints to a smooth finish using a LATICRETE latex-fortified thin-set. Alternatively, a liberal coat* of LATICRETE HYDRO BAN applied with a paint brush or trowel may be used to fill in non-structural joints and cracks. Apply a liberal coat* of LATICRETE HYDRO BAN approximately 8" (200mm) wide over substrate cracks, cold joints, and control joints using a paint brush or heavy napped paint roller.

Pre-Treat Coves and Floor/Wall Intersections - Fill all substrate coves and floor/wall transitions to a smooth finish and changes in plane using a LATICRETE latex-fortified thin-set. Alternatively, a liberal coat* of LATICRETE HYDRO BAN applied with a paint brush or trowel may be used to fill in cove joints and floor/wall transitions <1/8" (3mm) in width. Apply a liberal coat* of LATICRETE HYDRO BAN approximately 8" (200mm) wide over substrate cracks, cold joints, and control joints using a paint brush or heavy napped paint roller.

Pre-Treat Drains - Drains must be of the clamping ring type, with weepers as per ASME A112.6.3. Apply a liberal coat* of LATICRETE HYDRO BAN around and over the bottom half of drain clamping ring. Cover with a second liberal coat of HYDRO BAN. When the LATICRETE HYDRO BAN dries, apply a bead of LATICRETE LATASIL™ where the LATICRETE HYDRO BAN meets the drain throat. Install the top half of drain clamping ring.

Pre-Treat Penetrations - Allow for a minimum 1/8" (3mm) space between drains, pipes, lights, or other penetrations and surrounding tile. Pack any gaps around pipes, lights or other penetrations with a LATICRETE latex-fortified thin-set. Apply a liberal coat* of LATICRETE HYDRO BAN around penetration opening. Cover the first coat with a second liberal coat* of LATICRETE® HYDRO BAN®. Bring LATICRETE HYDRO BAN up to level of tile or stone. When LATICRETE HYDRO BAN has dried to the touch seal with LATICRETE LATASIL™.

Main Application - Allow any pre-treated areas to dry to the touch. Apply a liberal coat* of LATICRETE HYDRO BAN with a paint brush or heavy napped roller over substrate including pre-treated areas and allow to dry to the touch. Install another liberal coat* of LATICRETE HYDRO BAN over the first coat. Let the top coat of LATICRETE HYDRO BAN dry to the touch approximately 1 - 2 hours at 70°F (21°C) and 50% RH. When the top coat has dried to the touch inspect the surface for pinholes, voids, thin spots or other defects. LATICRETE HYDRO BAN will dry to an olive green color when fully cured. Use additional LATICRETE HYDRO BAN to seal any defects.

Movement Joints - Apply a liberal coat* of HYDRO BAN, approximately 8" (200mm) wide over the areas. Then embed and loop the 6" (150mm) wide LATICRETE Waterproofing/Anti-Fracture Fabric and allow the LATICRETE HYDRO BAN liquid to bleed through. Immediately apply a second coat of HYDRO BAN.

* Dry coat thickness is 20 - 30 mil (0.02 - 0.03" or 0.5 - 0.8mm); consumption per coat is approximately 0.01 gal/ft² (approx. 0.4 L/m²); coverage is approximately 100 ft² /gal (approx. 2.5 m²/ L). LATICRETE Waterproofing/Anti-Fracture Fabric can be used to pre-treat cracks, joints, curves, corners, drains, and penetrations with HYDRO BAN.

WATERPROOFING AND CRACK ISOLATION MEMBRANE INSTALLATION - continued

Protection - Provide protection for newly installed membrane, even if covered with a thin-bed ceramic tile, installation against exposure to rain or other water for a minimum of 2 hours at 70°F (21°C) and 50% RH. For temperatures between 45°F and 69°F (7°C to 21°C) allow a minimum 24 hour cure period.

Flood Testing - Allow membrane to cure fully before flood testing, typically a minimum 2 hours at 70°F (21°C) and 50% RH. Cold conditions will require a longer curing time. For temperatures between 50°F and 69°F (10°C to 21°C) allow a minimum 24 hour cure period prior to flood testing.

TILE INSTALLATION

Thin Bed Method: Install LATICRETE® 254 Platinum (white) or LATICRETE Glass Tile Adhesive Lite (GTA LITE), or LATICRETE LATAPOXY 300 in compliance with current revisions of ANSI A108.02, A108.1B and ANSI A108.5. Use the appropriate trowel notch size to ensure proper bedding of the tile selected.

Installation of Paper Face Mounted Glass Mosaics (per ANSI A108.15):

Firmly apply the latex Portland cement thin-set mortar (LATICRETE® 254 Platinum White or LATICRETE Glass Tile Adhesive Lite (GTA LITE), or LATICRETE LATAPOXY 300) to the substrate using the flat side of a trowel to initiate a bond coat. Using the appropriate sized small square notch trowel, add more thin-set mortar and notch the mortar in a horizontal, straight pattern. Using the flat side of the trowel, flatten the notches to attain a smooth, consistent setting bed. Place the glass mosaic sheets onto the fresh mortar and press firmly. Use a flat wood block or rubber grout float to beat the face of the tiles and firmly embed the tiles into the mortar. Full coverage of thin-set mortar to tile backs should be achieved after the beat in. Apply the remaining sheets and make sure that the vertical and horizontal grout joints line up and a consistent pattern is maintained. Transparent and translucent glass tiles can show shadowing (ghosting) if the glass tile manufacturer's installation instructions are not followed. Allow the tile installation to cure for 24 hours minimum (vertical installation) and 48 hours minimum (horizontal installation) at 70°F (21°C) prior to grouting. Use warm water and a white scrub pad (or stiff nylon brush) to remove any residual setting material from the tile's face prior to grouting. Allow the installation to air dry before grouting.

Note: DO NOT APPLY EXCESSIVE MORTAR ON THE SURFACE TO BE COVERED WITH MOSAICS. Too much mortar will squeeze up through the joints and produce an uneven finished surface. Excessive thickness of mortar can also slow the hardening of the mortar which means that the mortar will remain soft for an extended period of time. Transparent and translucent glass tiles can show shadowing ("ghosting") if the glass tile manufacturer's installation instructions are not followed. Apply the remaining sheets and make sure that the vertical and horizontal grout joints line up and a consistent pattern is maintained. The glass mosaic paper face mounting should be removed as soon as the tiles have set firm. Follow tile manufacturer's recommend cure time prior to removing the paper face mounting. Use a sponge dampened with clean water to moisten the paper sheets covering the mosaics. Two or more applications of water may be needed to safely remove the paper facing from the tile. When the paper is properly saturated, peel the paper from the face of the tile being careful not to pull tile away from the mortar. Inspect the grout joints for pinholes and voids and fix as necessary. Within one hour of initial set, clean any residual glue and paper from the surface using a light, damp sponge and buff with a dry cloth. See LATICRETE Technical Data Sheet (TDS) 145 for optional setting systems when a colored adhesive mortar is required.

STAIN-RESISTANT EPOXY GROUT INSTALLATION

Note: Minor surface scratching may result from using sanded grouts. Always conduct a test area, prior to proceeding with the actual installation, to verify suitability and acceptability of a sanded grout.

Allow glass tile installation to cure a minimum of 24 hours @ 70° F (21°C). Substrate temperature must be 40-95°F (4-35°C). Verify joints are free of dirt, debris or grout spacers. Sponge or wipe dust/dirt off tile faces and remove water standing in joints. Apply grout release to face of tile if recommended by tile manufacturer. Cut open pouch and pour SPECTRALOCK PRO Premium Grout Part A Liquid into a clean mixing pail. Then open pouch and pour SPECTRALOCK PRO Premium Grout Part B Liquid into the mixing pail. Mix by hand or with a slow speed mixer until the two liquids are well blended. Then, while mixing, add SPECTRALOCK PRO Premium Grout Part C Powder and blend until uniform. Install SPECTRALOCK PRO Premium Grout in compliance with current revisions of ANSI A108.02 and ANSI A108.6. Spread using a sharp edged, hard rubber float and work grout into joints, packing joints full and free of voids/pits. Then hold float face at a 90° angle to grouted surface and use float edge to "squeeze" off excess grout.

Once excess grout is removed, a thin film/haze will be left. Initial cleaning of the remaining film/haze can begin approximately 20-30 minutes after grouting. Begin by mixing cleaning additive packet with 2 gallons (7.6 L) of clean water in a clean bucket to make cleaning solution. Dip a clean sponge into the bucket and then wring out cleaning solution until sponge is damp. Using a circular motion, lightly scrub grouted surfaces with the damp sponge to dissolve grout film/haze. Then drag sponge diagonally over the scrubbed surfaces to remove froth. Rinse sponge frequently and change cleaning solution at least every 50 ft² (4.7m²). Discard sponges as they become "gummy" with residue. Within one (1) hour of finishing first cleaning, clean the same area again following the same procedure but utilizing a clean white scrub pad and fresh cleaning solution. Rinse scrub pad frequently. Drag a clean sponge diagonally over the scrubbed surfaces to remove froth. Use each side of sponge only once before rinsing and change cleaning solution at least every 50 ft² (4.7m²). Allow cleaned areas to dry and inspect tile/stone surface. For persistent grout film/haze (within 24 hours), repeat scrubbing procedure with undiluted white vinegar and clean pad. Rinse with clean water and allow surface to dry. Inspect grout joint for pinholes/voids and repair them with freshly mixed SPECTRALOCK® PRO Premium Grout.

SANDED CEMENT GROUT INSTALLATION

NOTES: Minor surface scratching may result from using sanded grouts. Always conduct a test area, prior to proceeding with the actual installation, to verify suitability and acceptability of a sanded grout.

LATICRETE® PERMACOLOR® Select is an advanced, high performance cement grout that offers the industry's first dispensable dry pigment solution. LATICRETE PERMACOLOR Select is designed for virtually all types of residential and commercial installations and offers optimum performance on the most demanding exterior or interior applications. Easy to mix, grout and clean, LATICRETE PERMACOLOR Select is fast setting and is suitable for joints 1/16" to 1/2" (1.5mm – 12mm) wide on floors or walls.

Surface Preparation - Before starting to grout, remove spacers and debris in grout joints and remove dust and dirt using a wet sponge. Do not leave water standing in joints. Note: when grouting in hot weather refer to TDS 176 Hot Weather Tiling and Grouting. Substrate temperature must be between 40°F (4°C) and 90°F (32°C). Apply grout release or sealer if necessary. Refer to TDS 400 Grout Guide for more information on grouting.

Mixing - Use approximately 2 – 2.25 quarts (1.9 L – 2.1 L) of clean potable water for 2 LATICRETE PERMACOLOR Select Color Packs and 25 lbs (11.3 kg) of LATICRETE PERMACOLOR Select Grout Base. Do not use with 1776 Grout Enhancer or any other latex additive. Place water in a clean mixing container. Remove Color Packs from the cardboard container as well as the protective plastic sleeve. The internal bag is a water-dispersible pack – when using the 25 lbs. (11.3 kg) bag of LATICRETE PERMACOLOR Select, drop both color packs directly to water in clean mixing container. Mix with a drill mixer until pigment is dispersed evenly in container and the dispersible pack is no longer visible. Add LATICRETE PERMACOLOR Select Base. Mix with a slow speed drill mixer (300 rpm) for 1 minute. Wait for 5 minutes and remix with drill for 1 minute. If using the 12.5 lb. bag, drop only one color pack into 1 – 1.1 quarts (.8L – 1.0 L) of clean water.

Application - Clean tile surface with a damp sponge. Spread with a sharp, firm rubber grout float or wall float for narrow wall joints. To remove excess grout hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints to avoid pulling out the material.

Note: If the grout begins to stiffen during installation, remix with drill mixer for 10–15 seconds. DO NOT ADD MORE WATER.

Cleaning - For first cleaning wait approximately 35 – 40 minutes at 70°F (21°C). Wider joints or cooler temperatures may extend wait time. Begin initial cleaning by lightly wiping down entire area to be cleaned with a damp sponge. Wash with a damp sponge (not wet). Work diagonally to the joints. Allow to dry 3 hours at 70°F (21°C). For second cleaning use a damp sponge or dry cloth to remove remaining grout haze.

PROTECTION

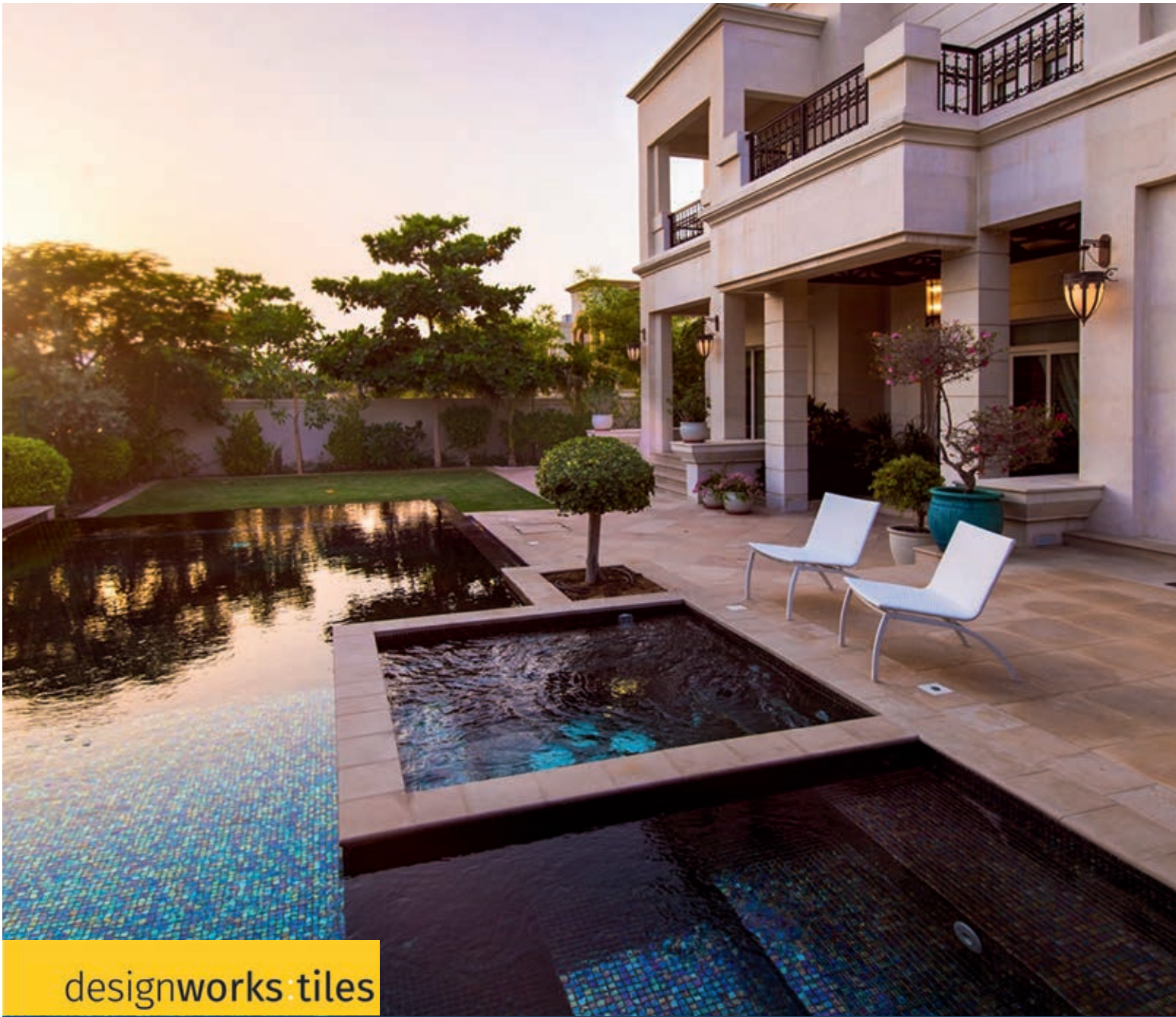
- To avoid damage to finished tile work, schedule floor installations to begin only after all structural work, building enclosure, and overhead finishing work are completed.
- Keep all traffic off finished tile floors until they have fully cured. Builder shall provide up to 3/4" (19mm) thick plywood or OSB protection over non-staining Kraft® paper to protect floors after installation material has cured. Covering the floor with polyethylene or plywood in direct contact with the floor may adversely affect the curing process of grout and latex polymer fortified Portland cement mortar.
- Keep floors installed with epoxy adhesive closed to traffic for 24 hrs. at 70°F (21°C), and to heavy traffic for 48 hours @ 70°F (21°C) unless instructed differently by manufacturer.
- Use kneeling boards, or equivalent, to walk/work on newly tiled floors.
- Cure tile work in swimming pools, fountains and other continuous immersion applications for 10 days for epoxy based grout and 14 days for latex Portland cement based grout @ 70°F (21°C) before flood testing or filling installation with water. Extend period of protection of tile work at lower temperatures, below 60°F (15°C), and at high relative humidity (>70% R.H.) due to retarded set times of mortar/adhesives.
- Replace or restore work of other trades damaged or soiled by work under this section.
- Protect exterior veneer installations from exposure to rain for a minimum of 7 days at 70° F (21° C).

COLD WEATHER NOTE

The curing of latex and Portland cement based materials is retarded by low temperatures and finished work should be protected for an extended period of time. Typically, for every 18° F below 70° F (10°C below 21°C), latex and Portland cement based materials take twice as long to cure.

HOT WEATHER NOTE

The evaporation of moisture in Portland cement grouts is accelerated by hot, dry conditions. Apply grout to dampened surfaces & protect freshly spread grout & finished work when installing in temperatures over 95 degrees F (35 degrees C).



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