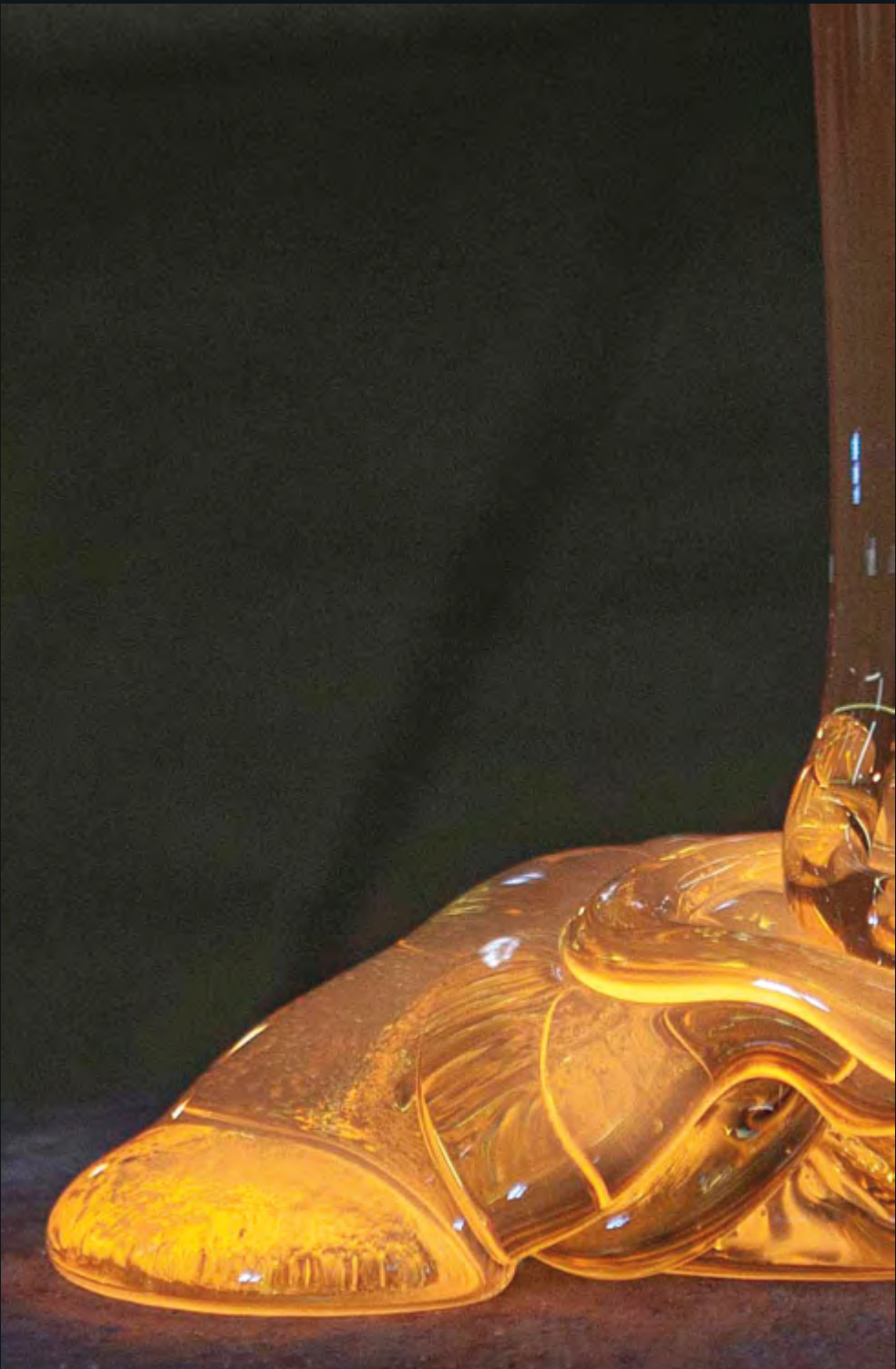




26

DECHEM

WE TELL STORIES
IN BOHEMIAN GLASS





BORN FROM FIRE AND MADE BY OUR HANDS
WITH UNQUENCHABLE PASSION



DECHEM
STUDIO

ABOUT THE DESIGNERS

We are DECHEM Studio, embodying a shared creative vision that bridges contemporary design innovation with the centuries-old Czech glassmaking tradition, a living craft recognized by UNESCO. The name “DECHEM” means “by breath” in Czech, reflecting the essence of glassblowing, where each piece is shaped by our breath and guided by human touch.

Michaela Tomišková holds a Master’s degree in Product Design from the Academy of Arts, Architecture and Design in Prague, consistently ranking among the top art and design schools globally. She specialized in traditional glass painting at the renowned Nový Bor Glass School, a kiln-fired technique that has been practiced by Czech craftspeople for generations. Her work brings sensitivity to form, material, and color, connecting contemporary aesthetics with the delicate precision of traditional glass artistry.

Jakub Jandourek earned his Master’s degree from the Faculty of Arts at Charles University, Prague, and apprenticed in glass blowing at Nový Bor Glass School, where he focused on sculpting hot glass in the hotshop and advanced glassmaking and lighting technologies, merging traditional hand techniques with contemporary innovations. His approach combines technical mastery with creative experimentation, translating centuries of craftsmanship into modern design language.

Together, we founded DECHEM Studio in Prague in 2012, combining our expertise in glass craft and design. Since then, DECHEM has become recognized as one of the leading names in Czech glass design. For over a decade, we have collaborated with institutions across Europe, Asia, and North America on exhibitions, design projects, and lighting installations that honor heritage craft while pushing boundaries of what is possible with glass.



PHILOSOPHY

We work in the heart of Bohemia, where Czech glassmaking has flourished for centuries. Every piece we create is hand-made by trained master artisans whose expertise has been passed down through generations.

We collaborate exclusively with local Czech craftspeople, glassblowers, mold makers, and furnace builders, whose specialized skills represent an unbroken lineage of artistry and technical excellence.

Our work has been featured internationally in Vogue Europe, Elle Decor, and Elle China and has received accolades including the Czech Grand Design 2014, Elle Decor International Design Award 2022, Big SEE Award 2025 and Archiproduct Award 2025.

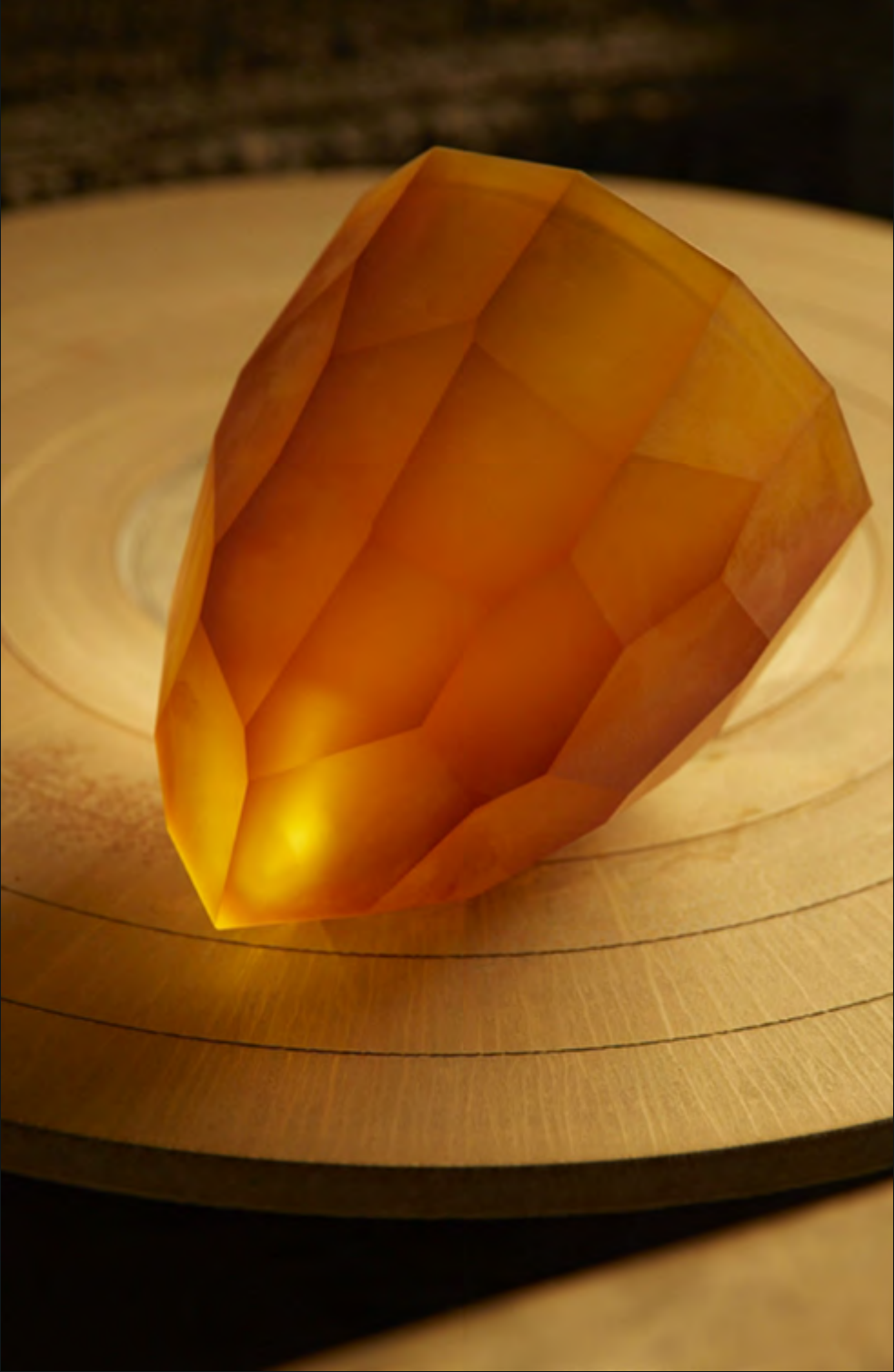
SUSTAINABILITY

Sustainability is central to our philosophy.

We source raw materials from Bohemian quarries that have supplied glassmakers for centuries and partner with local Czech producers for most metal and electrical components. Glass itself is non-toxic and infinitely recyclable, and residual material from production is remelted for future use. For our lighting products, we exclusively use energy-efficient LED technology with smart control systems that ensure optimal performance and economy while supporting human health and well-being by mimicking natural light and circadian rhythms.

Each DECHEM piece represents an investment in exceptional design and the preservation of an irreplaceable cultural heritage—a continuation of a living practice recognized by UNESCO as vital to human creativity







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LUMINAIRES

Exploring the interaction of light and glass is at the core of DECHEM's work. The result are lighting collections and bespoke luminous objects for interiors which combine traditional hand made craftsmanship, contemporary design, and innovative technology.



KONO LIGHT

This collection of suspended light fixtures combines the elementary geometric shapes of a hand-blown glass ball and a brass cone inside, creating an almost metaphysical composition. Glass shades are available in crystal clear, alabaster white, smoke grey and neutral nude. The lamp is suspended on a brushed brass fixture with textile covered cable.





SPHAERAE LIGHT

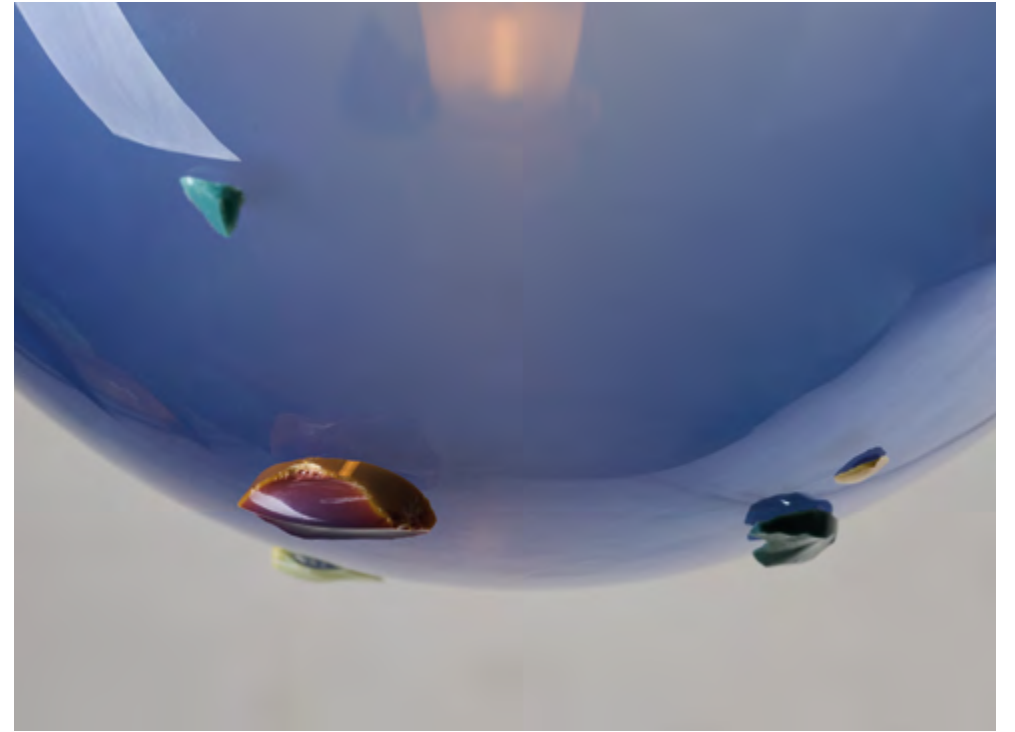
Only one homogeneous piece of hand-blown glass creates the main body of Sphaerae Light fixture whose medium-sized sphere is connected with the cylinder in its upper part. While the sphere is largely illuminated, the cylinder is not, creating a beautiful contrast of forms and various colour qualities. The model, available in various bright colours, also features a delicate detail of three brass balls on the fixture itself. Sphaerae Light comes in two sizes.





KONFETA SPHAERAE LIGHT

The Konfeta Light mirrors the vibrant energy of an exploding star, adorned with shards of highly pigmented glass rubies. Each shard captures the brilliance of a supernova, scattering light in a dazzling burst of colours. The light casts a mesmerizing glow that transforms any space with its unique illumination.





CRYSTALOGY LIGHT

Crystalogy collection draws inspiration from the quiet formation of crystalline structures deep beneath the earth's surface. Hand-blown glass, paired with patinated brass, captures the irregular beauty of natural growth. As light passes through the textured surface, it casts shifting reflections and shadows that continue beyond the object itself.





CRYSTALOGY LIGHT

Crystallology is our most versatile lighting collection to date. Individual elements can form wall-mounted, suspended, or rod compositions, with their length, number, and arrangement adapted to each space. The glass can be produced across a range of colours and finishes, from transparent to sandblasted.





MAGION COLLEC- TION

Named after the series of successful Czechoslovak science satellites that orbited the Earth in the 1960s as part of the Interkosmos program, this lighting fixture features a large flat cylinder of blown glass. The massive piece of tinted opal glass is attached to a minimalist three pronged metal structure inside the glass, resembling a small space station. Now available as floor lamp and side table.





BANDASKA LIGHT

Hand-blown into beech wood moulds, Bandaska Light is based on the highly popular Bandaska Vase collection. DECHEMA's signature shape turns into an elementary suspended lamp whose crystal clear or colour gradient glass shades are complemented by brass or anthracite coated metal fixtures.





TETRIS LIGHT & VASE

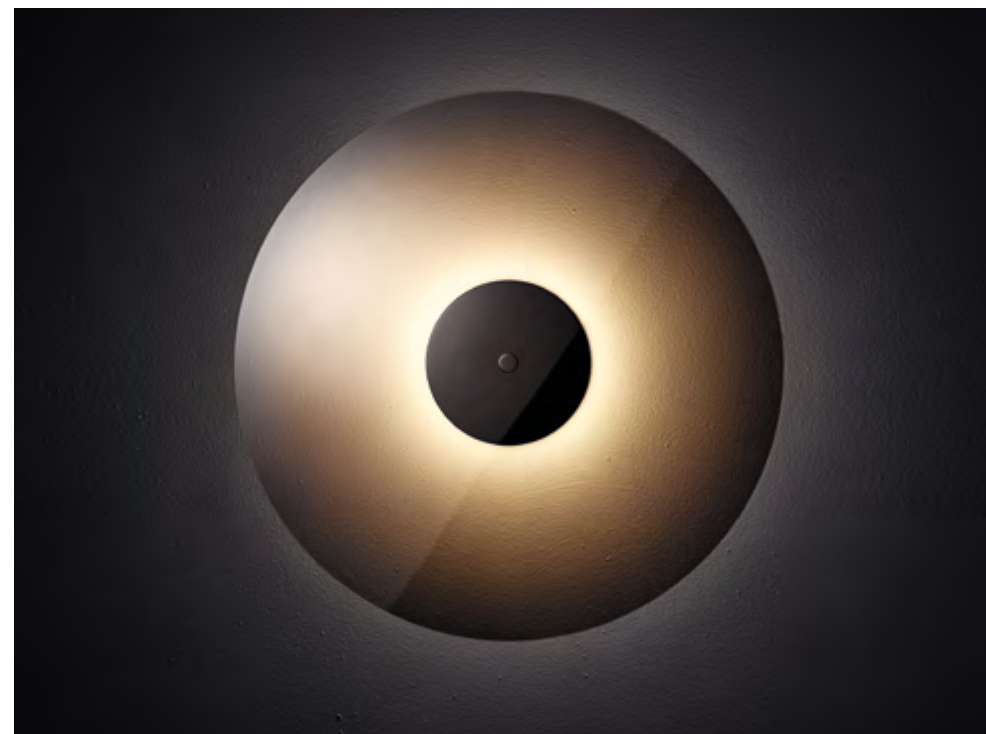
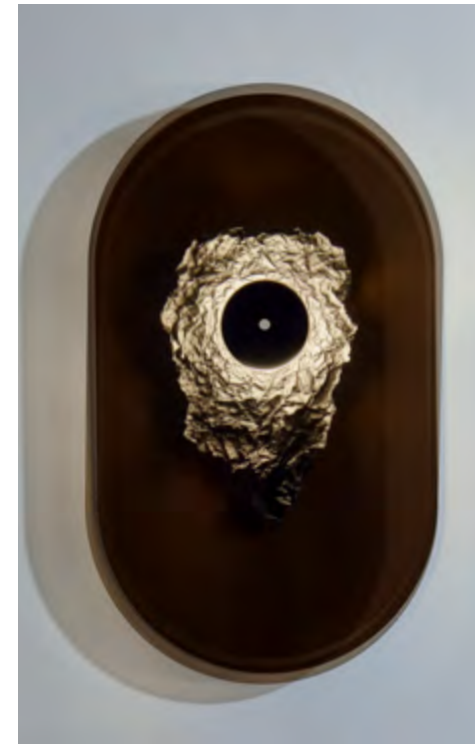
In this complex shape, strict geometric and architectural lines contrast with the organic and natural surface of the glass which is uneven and wrinkled from contact with the metal mould during production. The collection consists of a vase and a luminaire with a solid matte black fixture. The sculpture Tetris Totem follows the same idea on a larger scale by turning two elements of Tetris into one tower-like object.





ECLIPSE LIGHT

Inspired by the 1930s modernist design and Art Deco, Eclipse Light is comprised of two metallized glass discs with a source of soft light between the polished brass details. The flat, levitating piece when viewed from certain angles resembles two eclipsing celestial bodies, creating an immersive visual effect of never-ending space. The functionalist clarity of the form meets poetic sensibility in this work.





FIZZY LIGHT

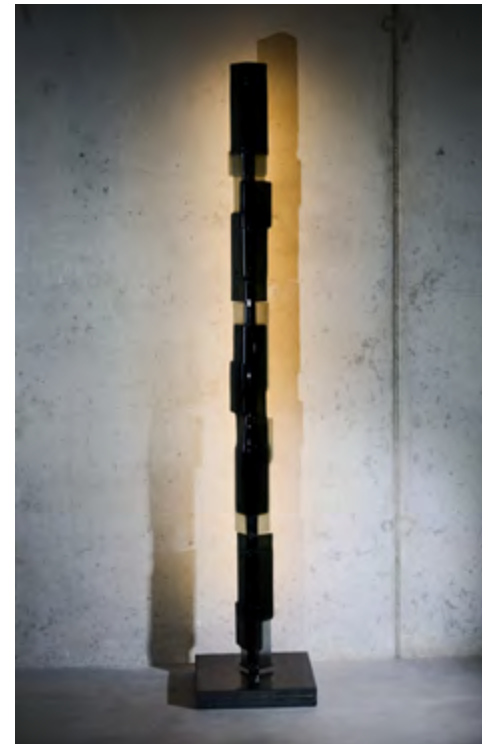
The lighting collection features sleek, cylindrical fixtures with a striking texture created by delicate bubbles suspended within hand-blown glass. These subtle yet vivid details bring the light to life, reminiscent of water in constant motion. With its many customisable options, Fizzy Light is intentionally designed for interior designer and architects offering endless versatility for their projects.





FUNDO LIGHT

Overlapping sheets of glass are heated until they fuse together and ultimately form the shade for this collection of wall sconces. The different hues and opacities of the sheets are composed into a pattern resembling a complex patchwork.





STRATA LIGHT

The pendant light appears like a jewel suspended in space. Its luminous tube becomes a guiding line onto which various types of handmade glass are threaded, much like beads on a string. Each glass element introduces its own character, hue, and texture, together composing a interplay of translucency.





PENTA LIGHT

The chandelier combines a deconstructed and newly arranged brass structure with hand-blown glass shades in various colour gradients. This gives it a playful, yet elegant appearance which is adaptable to smaller and bigger spaces.





PALLAS COLLEC- TION

Like the single pendant, the chandelier from the Pallas Collection showcases the beauty of hand-blown glass capsules. Its impressive scale is realized through a four-armed brass structure, elegantly adorned with 12 delicate capsules in a soft gradient of fading pink.





TÉSERA CHANDE- LIER

Téséra Chandelier is a sensory take on a traditional lighting object: Oval glass shades balance on a thin brass construction and tassels reminiscent of queen Berenice's locks hang from the elegant luminaire. The hand-blown glass capsules feature a subtle colour gradient, enhancing the fixture's ethereal lightness.





MR. FLAME TABLE LAMP

Two completely contrasting and differently manufactured glass shapes create Mr. Flame Table Lamp. The hand faceted top with an irregular geometry, evoking an eternal flame, sits on the rounded base, available in gold, silver and dark pearl glass.





TROPOS TABLE LAMP

The glass table lamp resembles glass architecture with its minimalist shapes and proportions. The light reveals a colour gradient in the glass and completely changes the atmosphere of the surroundings. There is also a “konfeta” version that creates a unique vibe through handmade craftsmanship.





GLOWING VASE

Something between vase and lamp, Glowing Vase is a hybrid interior object, produced in clear cloudy glass with a smooth gradient. The LED source is hidden in the base of the lamp, shining through the water and creating an almost magical, theatrical atmosphere.





BESPOKE LIGHTS

DECHEM creates bespoke lighting for residential and public spaces. Collaborating closely with architects or private clients, each project is designed to enhance the unique character of the space and the personality of the client.



RESIDENT. LIGHTING XV.

To fit a home near Beroun, lighting was designed across several rooms, built on a dialogue between colour, texture and material. The entrance hall centres on a site-specific piece pairing our Fragmentglass with sandstone gathered by the owners, framed by a circular LED ring. Upstairs, the corridor is lit by the Eclipse pendant and Wall light, joined by a gradient glass reading light and a uranium glass wall object. The bedroom and bathroom feature the Sphaerae Light, its glass holding suspended bubbles that refract light.



SIZE OBJECT
Ø 840 mm

SIZE SPHAERAE LIGHT
Ø 22 cm x h 40 cm

SIZE ECLIPSE LIGHT
wall mounted:
Ø 40 cm x h 5.5 cm

suspended horizontally:
Ø 50 cm x h 35 cm



RESIDENT. LIGHTING XVII.

For the renovated wellness Royal Regent Hotel in Karlovy Vary, DECHEM fabricated bespoke Fragmentglass installation designed by DL Studio. Our signature material forms a backlit light object-suspended installation in the entrance hall, demonstrating its potential as an architectural material.





RESIDENT. LIGHTING XVIII.

For a contemporary furniture showroom in Prague's Karlín district, DECHEM produced a bespoke backlit bar clad in our signature blue Fragmentglass. Illuminated from within, the material reveals its depth and layered texture, becoming both an architectural feature and a focal point of the space. The installation is complemented by a curated selection of hand-blown glasses and carafes, extending the material language into everyday objects.





RESIDENT. LIGHTING XII.

To fit the extraordinary interior design concept by Tereza Porybná and Objektor Architekti, DECHEM studio designed various lightings and interior elements. Two chandeliers from rich materials, such as brushed brass, hand blown glass capsules with a colour gradient and tassels from raw mint fibres create the centre piece for the minimalist bedrooms. The long horizontal kitchen light from weathered raw steel, on the other hand, blends in naturally with the interior's concrete surfaces.



SIZE CHANDELIER
w 71 cm x d 71 cm x h 150 cm

SIZE HORIZONTAL LIGHT
Ø 6 cm x l 280 cm x h 120 cm



RESIDENT. LIGHTING X.

The spacious interior was initially inspired by the functional-ist style of the residential building it is located in. Following the philosophy of the space and the brilliant interior design proposal by Lenka Míková Architekti, DECHEM studio was commissioned to create a collection of light fixtures for its entrance hall, kitchen, dining, and living room area. The light fixtures combine the elementary geometric shapes of a hand-blown glass ball and brass fixtures.



SIZE WALL SCONCE Ø 32 cm x d 9 cm	SIZE SUSPENDED LIGHT Ø 30 cm x h 160 cm
SIZE HORIZONTAL LIGHT Ø 5 cm x l 200 cm x h 100 cm	SIZE CEILING LIGHT Ø 20 cm x h 27 cm



RESIDENT. LIGHTING XIV.

For a unique meat-inspired interior design by architect Iva Hájková, DECHEMA studio contributed several bespoke glass elements that beautifully merge artistic craftsmanship with the space's unusual theme. Among the standout pieces is a redesigned version of the studio's Salami lights, which were integrated into the living room as a striking cluster of three pendants and as wall sconces in the bedroom.



SIZE SALAMI LIGHT PENDANT
Ø 12 cm x h 41 - 55 cm

SIZE SALAMI LIGHT WALL
Ø 12 cm x h 120 cm x d 83 cm

SIZE GLASS TABLE TOP
l 160 cm x d 80 cm x h 3 cm



RESIDENT. LIGHTING XI.

For the kitchen and dining area in a minimalist residential building, DECHEM studio combined the elementary geometric shapes of circle, triangle and square to create a collection of light fixtures. Kono in a set of three and a special all-white edition lights up the round dining table. In contrast, the angular kitchen island is completed by a long, illuminated cuboid from brushed brass.



SIZE HORIZONTAL LIGHT
Ø 5 cm x l 260 cm x h 160 cm

SIZE KONO LIGHT BIG
Ø 35 cm x h 66 cm

SIZE KONO LIGHT MEDIUM
Ø 19 cm x h 52 cm



RUDOLFI- NUM KLUB

As part of the renovation of the Rudolfinum backstage areas, particularly the staff club and reception, Lenka Míková Architekti invited DECHEMA studio to reimagine the iconic lighting originally designed by renowned architect Karel Prager. This resulted in re-designing the light sources, improving their protection, and adding dimmability to enhance the ambiance.



SIZE HORIZONTAL LIGHT
Ø 5 cm x l 210 cm x h 100 cm

SIZE CEILING LIGHT
Ø 4 cm x h 25 cm

SIZE WALL LIGHT
Ø 4 cm x l 60 cm x d 7 cm



MILENIUM LIGHT OBJECT

The decorative glass pendant light above the reception desk was designed in collaboration with architecture studio Formafatal and Denisa Strmísková for the Millenium lobby in Prague 1. The hanging brass construction with handblown smoke glass shades charges the space with elegant dynamics and its sculptural form gives the interior a distinctive appearance.





RESIDENT. LIGHTING IX.

For an apartment designed by RDTH architekti, DECHEM studio created luminaires which are adaptable to various room sizes. The single pendant combines a hand blown glass sphere with a fixture from brushed brass and brings elegance to the smallest space. The chandeliers are provided with either three or five spheres in various colour gradients and a playful brass construction. Kono Light in a set of three brings directed work light to the kitchen island.



SIZE PENTA LIGHT
Ø 80 cm x h 150 cm

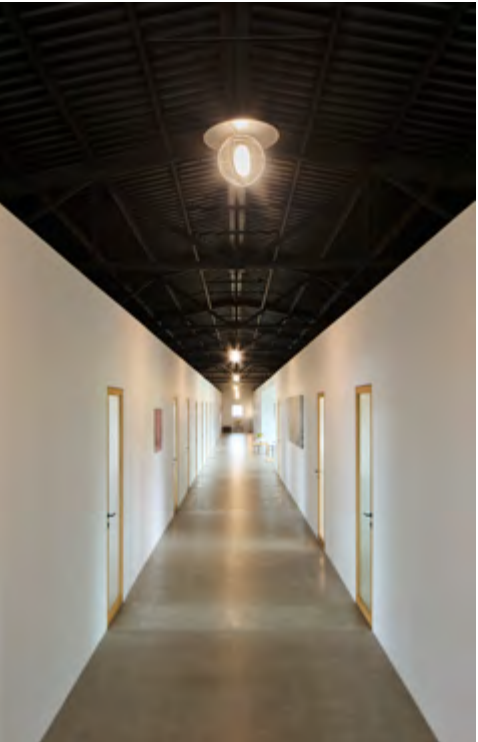
SIZE TRIPLA LIGHT
Ø 70 cm x h 120 cm

SIZE KONO LIGHT MEDIUM
Ø 19 cm x h 52 cm



JANOSIK SHOW- ROOM

DECHEM Studio designed and manufactured an original lightings, interior glass elements and vases for the new headquarter and showroom of JANOSIK, leading european architectural window manufacturing company. The collection of the objects made from the crystal clear glass developed by DECHEM studio pays tribute to traditional craftsmanship while embracing a contemporary aesthetic.





VASES

From minimalist shapes to one-of-a-kind solitaire creations, DECHEM's vase collections are our creative playground for experimenting with advanced glassblowing techniques. A key focus is the use of colour, particularly the art of blowing glass into a significant colour gradient.



BANDASKA VASE

Produced in different colours and shapes, Bandaska Vase is the highlight of DECHEM's collection and its ultimate bestseller. Simple yet elegant lines are inspired by ordinary forms of traditional metal containers for water and milk, used in Czech households for ages.





SHOP

BANDASKA VASE MATTE

Hand-blown into beech wood mould, this collection of Bandaska Vase features matte surfaces and is produced in three different shapes and electrifying colours. Can be well combined with classic Bandaska Vase, too.





VASE 19

Various colour gradient combinations of subtle muted colours create the main character of Vase 19, minimalist form of elegant lines, both in geometric and organic manner. Hand-blown into beech wood moulds, this vase is the continuation of DECHEM's investigation into ultra-normal yet beautiful forms.



VASE 20

Elegant lines and decent colour gradients are a characteristic signature of DECHEM studio. The Vase20 presents the reversed conical neck as a new feature and can be easily combined with the Vase19 or Bandaska vases as well. Hand-blown into beech wood moulds, coming in two different sizes.





LAND- SCAPES VASE

Draws on the simplicity of the iconic Bandaska form, this vase wrapped by hot glass cord that gently winds around its body. The clean silhouette gains a subtle sense of movement and a distinctive detail, as if a stream of molten glass had momentarily paused around its smooth surface. The vase is available in a clear crystal edition that highlights its transparency and the pure character of the glass, and a sandblasted matte version that feels soft to the touch and lends the piece a quiet elegance.





KONFETA VASE

Fragments of multicoloured glass rubies cover the surface of hand-blown vases and thus transform them into absolutely unique works of art. The monochrome or multicoloured variations are inspired by the celebration of life.





ODE TO GLASSBLOW- ING VASE SANDBLASTING

To celebrate the spirit of Czech glassmaking, a collaboration with illustrator Michal Bačák gave rise to a richly detailed drawing capturing the essence of the process. In this vision, figures wander through the semi-wild landscape of Bohemia, equipped with blowpipes, harvesting vases from trees and bushes emerging from the storied glassmaking ground.



ODE TO GLASSBLOW- ING VASE HANDPAINTING

In this vision of illustrator Michal Bačák, figures wander through the semi-wild landscape of Bohemia, equipped with blowpipes, harvesting vases from trees and bushes emerging from the storied glassmaking ground. Some of these vases are further transformed by delicate handpainting, each brushstroke adding a unique layer of craftsmanship and turning every piece into a singular work of art.



ROURA VASE

Produced in smoke grey and black colours, Roura Vase is an experimental object reflecting the idea of perfection and imperfection and its relation. A simple cylinder form is hand processed in the hot shop to destroy the geometric purity intentionally and create a vase shaped by chance. Each piece is unique.





THE HEAT VASE

The Heat Vase belongs to DECHEM's experimental works, hand processed in the hot shop. Like Roura Vase, The Heat Vase is an organically formed piece of glass, showing how an archetypal shape is melted and altered by only using temperature. Each piece is unique.





BLACK IN BLACK VASE

Dark glass vases with uneven surface produced in three different sizes. The opaque character of the glossy glass is emphasized by its wrinkled structure resembling the roughness of a stone. Also available with a matte surface or as Black in Black Konfeta Vase.





GLASSES & CARAFE

DECHEM Glasses and Carafes in an extensive colour range brighten up your everyday drinking routine. Hand-blown into a beech wood mould, each piece comes with a unique colour gradient.





OBJECTS

DECHEM's objects bring together various types of glass and unconventional materials, placing them in unexpected contexts to create poetic sculptures. Every piece can be customized to suit individual preferences. By blending traditional techniques with innovative ideas, each object becomes a unique expression, telling its own story.



TREE LIGHT OBJECT

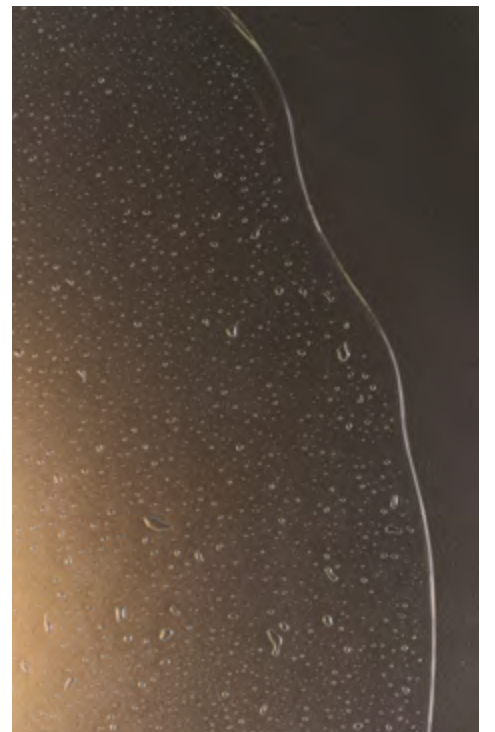
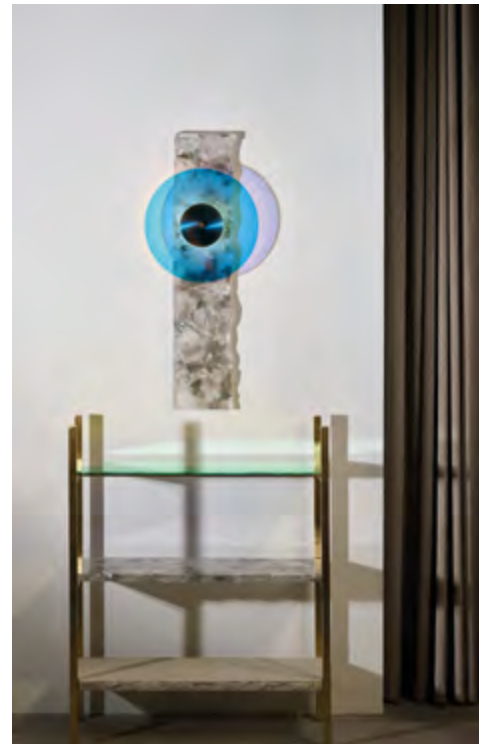
The site-specific wall object is a material collage which pays tribute to its surrounding nature. Designed for a private residence in the Czech countryside, the piece is composed of an illuminated brass ring, a fused glass square with a lively texture, an organically shaped element from red soil and a wood branch. The latter two are sourced from the building's surrounding garden and give the object its truly unique appearance.





ECLIPSE WALL OBJECTS

The Eclipse Wall Objects explore the limitless varieties of glass, transforming them into captivating wall sculptures. Building on the principles of the Eclipse Light collection, these pieces combine the industrial precision of mirrored dichroic glass with unique handcrafted glass sheets—such as flat rolled glass or Fragment-glass—creating a striking interplay of textures.





THE CLASH OF BEAUTY

The Clash of Beauty series includes two purely artistic wall objects playing with the composition of shapes and Fragmentglass textures set on an elegant mount in brushed brass. This composition of rectangular and circular sheets creates an enchanting effect of intertwining colours and metallic reflections of dichroic glass.

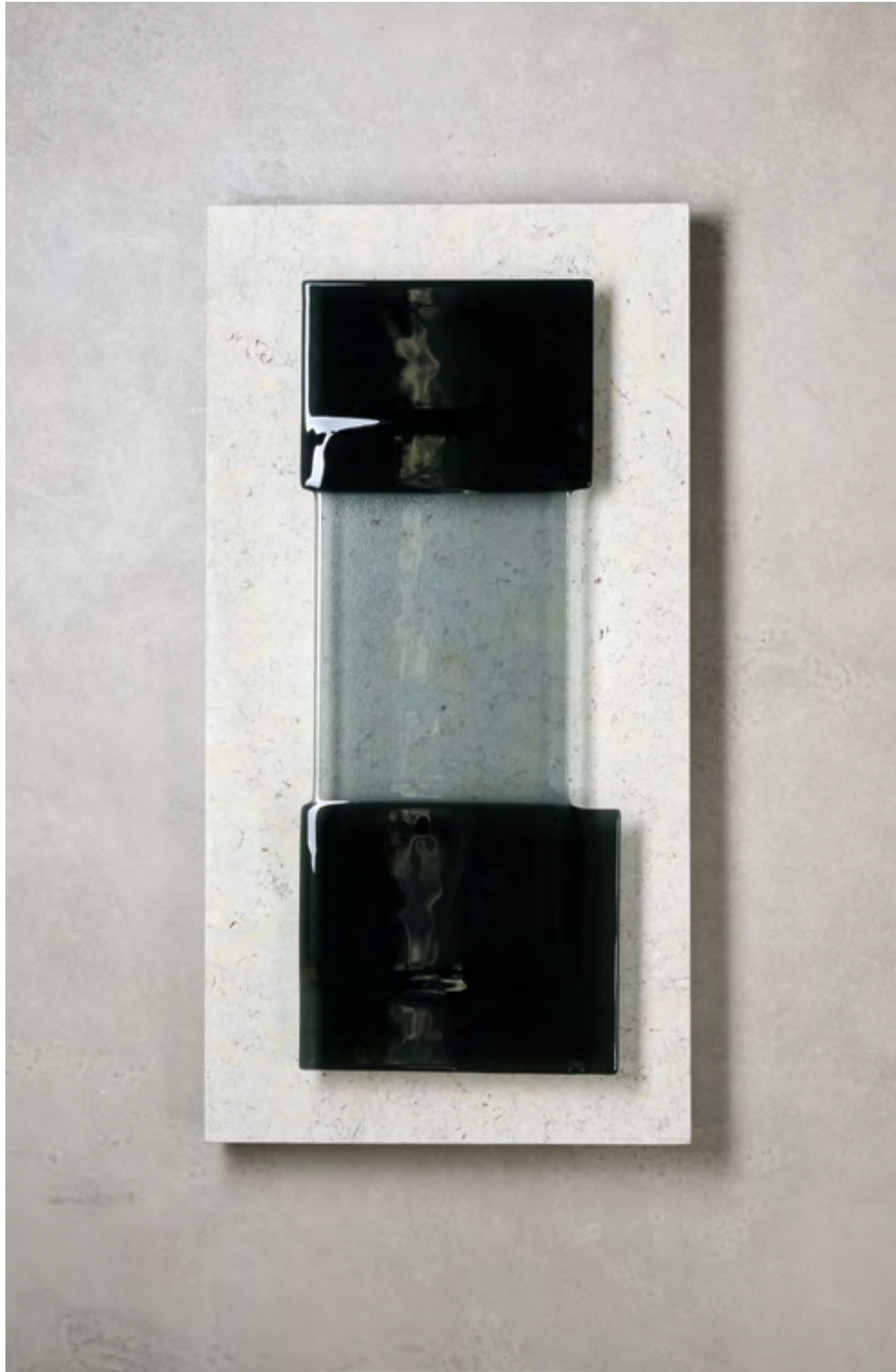




GALAXY LIGHT OBJECT

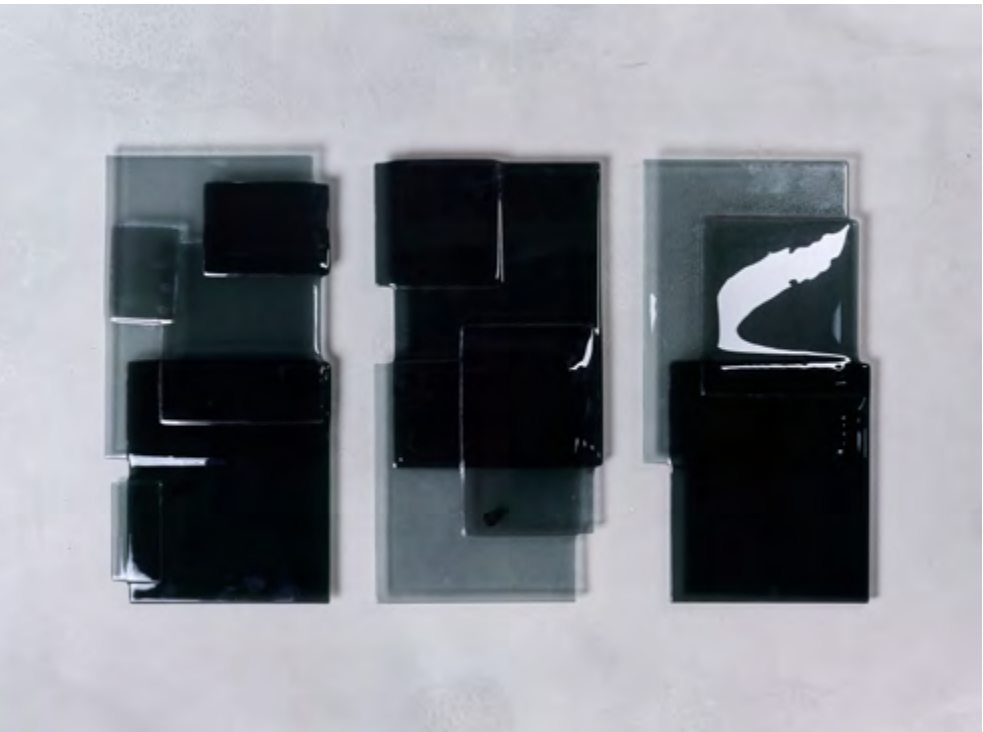
Design of a multi-material decorative glass lighting object for a private residence in Prague. The piece is composed of dark granite stone with rough edges; an oval light pink glass shape with the smooth hand-cut circuit created by the glass making technique of sintering glass, a lithyalin plate with marble-like glass design, brushed brass details and a large circle carrying the LED light strip, generously illuminating the whole object.





FUNDO WALL OBJECT

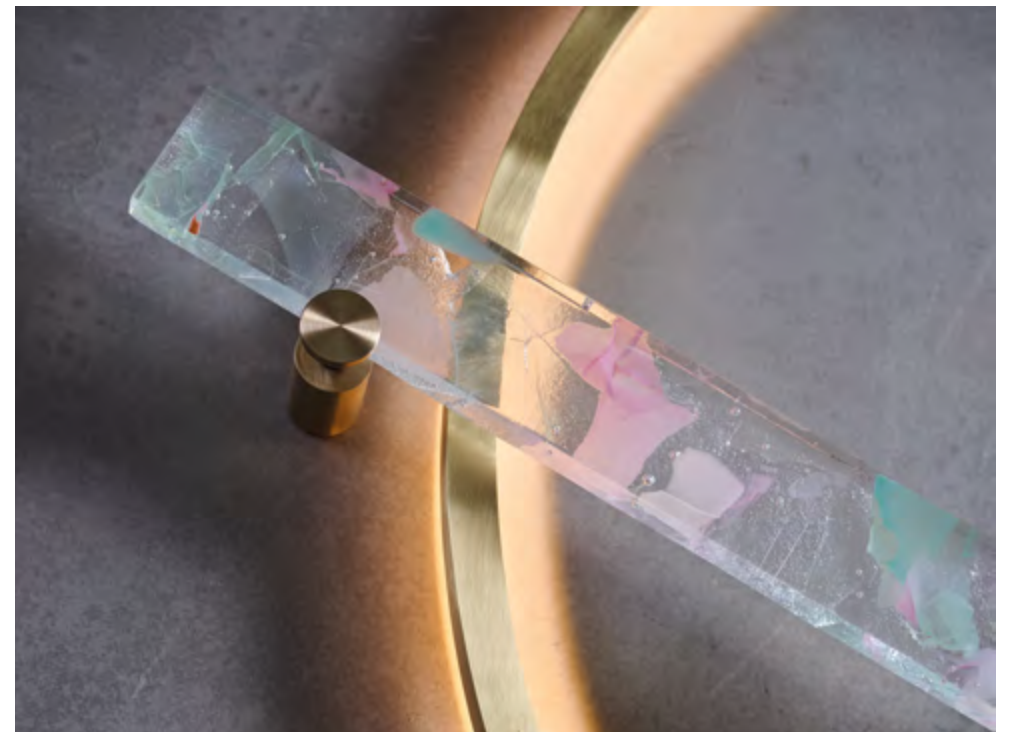
Much like the Fundo Light, the wall object centres around fused overlapping glass sheets and their varying opacities. The graphic, patchwork-like pattern of the glass is contrasted by the organic texture of raw sandstone, blending modern artistry with natural elements.





METEORA LIGHT OBJECT

Meteora Wall Object blends the rugged, natural texture of raw sandstone with the refined elegance of Fragmentglass and the precision of meticulously crafted brushed brass. Illuminated by an integrated LED strip, it becomes a wall sculpture reminiscent of a celestial event frozen in time.





BURNED LAND- SCAPE

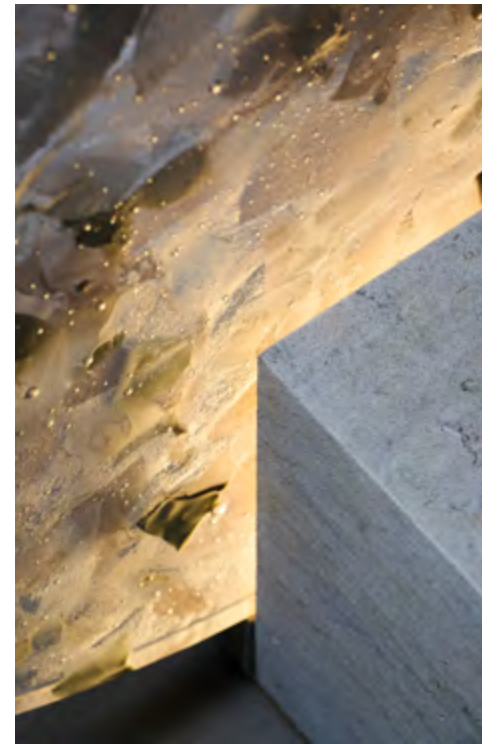
DECHEM presents Burned Landscape, an experimental exploration at the intersection of fire, glass, and drawing. In this work, molten glass is pulled directly from the furnace and drawn across sheets of paper. The searing heat scorches the surface, leaving behind charred marks that unfold like abstract landscapes.





DISCORD OBJECT

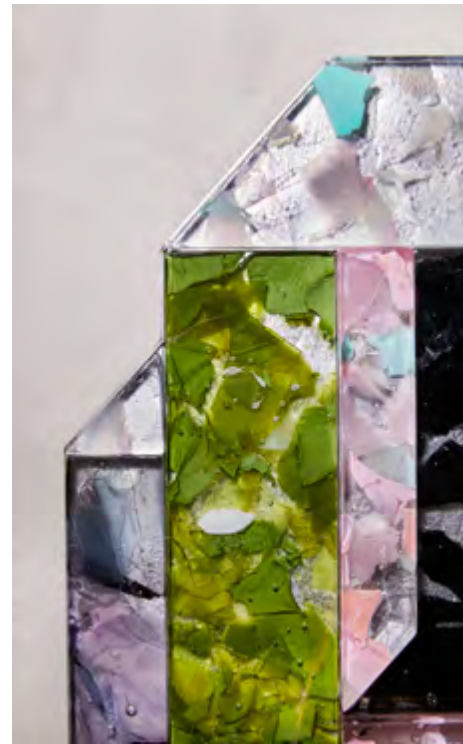
This solitary light object emerges from a fusion of fundamental geometric forms. A massive Fragmentglass slab is set into a sandstone block, refinedly illuminated to reveal its inner structure — a landscape where one can observe not only melted shards of color, but also tiny bubbles, the very origins of life on Earth. Life is likewise captured in the sandstone base itself, where subtle fossil traces may still be discovered.





FRAG- MENT FEAST

The wall object draws inspiration from the Venetian marble mosaics found in historic churches and palazzos. Crafted from various flat Fragmentglass sheets, it creates a striking three-dimensional effect. More than just a visual feast, it stands as a symbol of sustainability and innovation, demonstrating how recycled materials can be transformed into stunning works of art.





FRAG- MENT TOWN

Fragment Town is a new twist on DECHEMA's Glass Town Collection. Geometric shapes are cut from various Fragmentglass sheets and then hand polished to be finally assembled into abstract cityscapes.



GLASS TOWN

Constructed of hand cut glass and engraved colour components, the Glass Town Collection includes miniature decorative models of a cityscape, evoking the poetic idea of a town in the landscape. All the elements of simple geometry in the shapes of factories, houses, schools or barns, are individual and allow the user to assemble their own composition.



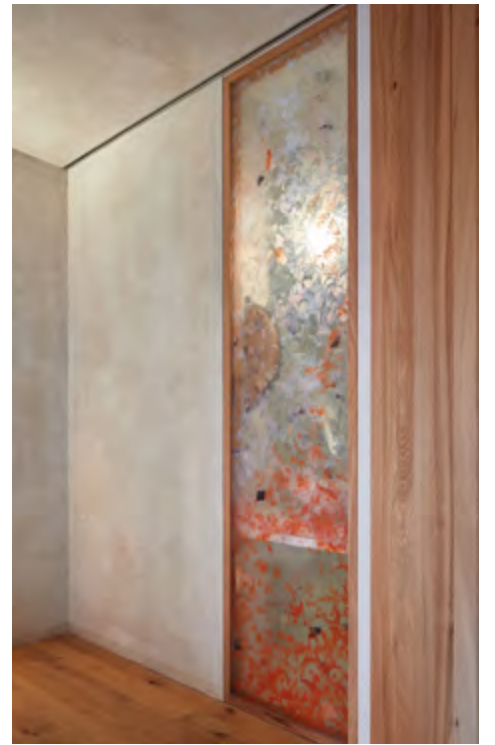
FURNITURE

Aiming to push the boundaries of hand-made glass, DECHEM's furniture collections explore its potential on a larger scale. The resulting pieces are bold yet functional, often combining glass with metal to showcase the versatility and artistry of handcrafted glass in interior design.



FRAG- MENT WALL

To introduce daylight into a small guest bathroom, the client was looking for a semitransparent glass wall with an artistic flair - the perfect brief for Fragmentglass. For this new material DECHEMA studio remelts the colourful residual glass from its production into glass sheets. The overlapping opaque glass fragments create a pattern which is translucent and at the same time blurring what lies behind.



SIZE
w 70 cm x d 3 cm x h 260 cm



HIDDEN GERRIT

Although by its functional nature it should obstruct the view, the Hidden Gerrit screen naturally attracts the eye thanks to its sculptural form. It combines Gerrit Rietveld's aesthetics and the use of Fragmentglass. The strict rectangular geometry of the structure creates a certain tension and contrast to the glass plate with its vivid texture of fused shards.





SEDI- MENTA SHELF

The Sedimenta Shelf is a collage-like composition of earthy solidity and airy elegance, crafted from brushed brass and three distinctive shelves made from sandstone, Fragmentglass and dichroic glass. Much like the Brass Shelf, it redefines the concept of functionality, transforming a utilitarian piece into an opulent display for cherished mementos.





BRASS SHELF

Adding a touch of opulence to any room, the Brass Shelf is meant to highlight beloved books or curated objects. The strict framework from brass square tubes and folded brass sheets is contrasted by the soft sheen of its brushed surface, thus creating a captivating interior object. It is available in various sizes and can also be customised.





INFINITY TABLE

The simple yet sophisticated coffee table features a minimal geometric construction combined with a decorative glass top. The metal surface contrasts with the massive glass from lithyalin glass or Fragmentglass, its texture evoking a piece of the universe.





AUGARTEN TABLE

A simple silhouette characterizes Augarten Table, another elegant combination of a glass base and metal table top. This small furniture piece, inspired by raw industrial forms, represents precise glass craftsmanship and turns it into a practical object.





MESSIER TABLE PINK

Messier table, a pink-coloured glass table with low legs made of raw iron, takes its name after the beautiful spiral galaxy that, despite being 12 million light-years away, is still one of the brightest to be seen from Earth. The air bubbles locked in the table's oval glass are like universes of their own, for you to get lost just as easily as in space.





MESSIER TABLE GREEN

Messier table, a green-colored glass table with low legs made of raw iron, takes its name after the beautiful spiral galaxy that, despite being 12 million light-years away, is still one of the brightest to be seen from Earth. The air bubbles locked in the table's oval glass are like universes of their own, for you to get lost just as easily as in space.





MESSIER M81 CLEAR

The clear colour edition of the Messier M81 Table is a celebration of contrasts, where earth meets sky and precision intertwines with raw beauty. Just like the pink version, the tabletop from cast glass is infused with thousands of shimmering air bubbles that evoke distant stars in a galaxy. It appears to float above two metal cylinders with a raw patina. A slab of natural sandstone grounds the composition.





DISCORD TABLE

At the core of the Discord of Harmony collection lies the notion of a quiet metamorphosis of matter. The melted-glass surface and the sandstone forming the table's base share the same origin, distinguished only by temperature — for at around 1400 °C, sand begins its slow alchemy into glass. Yet despite this kinship, the two materials reveal their own temperaments: one fluid and luminous, the other ancient and grounded.





INDEX

The index offers a comprehensive overview of DECHEMA's products, providing deeper insight into their specifications, colour options, techniques, and materials. Designed to guide you through the diverse possibilities of our handcrafted creations, it makes it easier to find the perfect fit for your needs and preferences.

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MEDIUM Ø 19 cm x h 52 cm 1.5 kg	BIG Ø 35 cm x h 66 cm 4 kg	MAXI Ø 40 cm x h 67 cm 4 kg	
COLOUR OF GLASS crystal clear, alabaster white, smoke grey or neutral nude	FIXTURE brushed brass, black matte coated metal	LIGHT SOURCE GU10 LED bulb, 6 W, warm white, dimmable 120 V or 230 V	CABLE textile coated, nude, 150 cm
REGULAR Ø 24 cm x h 41 cm 3 kg	BIG Ø 30 cm x h 50 cm 5 kg		
COLOUR OF GLASS matte (dark blue, powder pink, poppy red, saffron orange, dark green or alabaster white) glossy (dark blue, powder pink, poppy red, saffron orange, dark green, alabaster white, bubble glass or crystal clear)	FIXTURE brass or metal in white colour	LIGHT SOURCE E12 or E14 retro bulb, 120 V or 230 V, 5 W, warm white	CABLE textile coated, white, 150 cm
REGULAR Ø 24 cm x h 41 cm 3 kg	BIG Ø 30 cm x h 50 cm 5 kg		
COLOUR OF GLASS dark blue, autumn red, crystal clear matte	FIXTURE brass or metal in white colour	LIGHT SOURCE E12 or E14 retro bulb, 120 V or 230 V, 5 W, warm white	CABLE textile coated, white, 150 cm
HANDBLOWN CRYSTALS 25 cm, 23 cm, 19 cm, 16 cm, 12 cm, 8 cm		FIXTURES Ø 6 x 40 cm Ø 6 x 120 cm Ø 6 x 80 cm Ø 6 x 160 cm	
COLOUR OF GLASS smoke grey, clear, alabaster white, powder pink, sienna, earth brown, violet brown	FIXTURE brushed brass, dark patinated brass, nickel plated brass	LIGHT SOURCE G4 BULB, 12–24 V AC/DC, 3 W, warm white	CABLE textile coated lenght: 150 cm colors: black, nude, silver white
LIGHT Ø 56 cm x h 68 cm 15 kg	FLOOR LAMP Ø 56 cm x h 100 cm 20 kg		
COLOUR OF GLASS smoke grey, moss green or saffron orange	FIXTURE polished brass	LIGHT SOURCE E26 or E27 LED bulb, 120 V or 230 V, 15 W, warm white	CABLE textile coated, nude, 180 cm
BIG Ø 18.5 cm x h 35.5 cm 1.5 kg	TALL Ø 9 cm x h 43 cm 1 kg	MEDIUM Ø 15.5 cm x h 38 cm 1.5 kg	
COLOUR OF GLASS alabaster white, smoke grey, nude neutral or aubergine	FIXTURE brushed brass or anthracite	LIGHT SOURCE E12 or E14 LED bulb, 4 W (medium, tall) E26 or E27 LED bulb, 6W (big)	CABLE textile coated, nude or black, 180 cm
TETRIS TOTEM SIZE w 29 cm x d 23 cm x h 93 cm, 20 kg	TETRIS LIGHT SIZE w 29 cm x d 23 cm x h 53 cm, 10 kg	TETRIS VASE SIZE w 29 x d 23 x h 50 cm 9 kg	
COLOUR OF GLASS SHADE crystal clear, alabaster white, smoke grey, poppy red or cobalt blue	LIGHT SOURCE E26 or E27 LED bulb, 120 V or 230 V 6 W, warm white	FIXTURE metal in black matte colour	CABLE textile coated, black, 150 cm

ECLIPSE LIGHT

34—35

FIZZY LIGHT

36—37

FUNDO LIGHT

38—39

STRATA LIGHT

40—41

PENTA LIGHT

42—43

PALLAS LIGHT & CHANDELIER

44—45

TÉSERA CHANDELIER

46—47

MR. FLAME TABLE LAMP

48—49

TROPOS TABLE LAMP & KONFETA TROPOS

50—51

OVAL w 60 cm x h 100 cm x d 6 cm, 20 kg	WALL MOUNTED Ø 40 cm x d 5.5 cm 12 kg	SUSPENDED HORIZONTALLY Ø 50 cm x h 35 cm 15 kg	SUSPENDED VERTICALLY Ø 50 cm x h 60 cm 15 kg
COLOUR OF GLASS flat metallised glass dichroic glass	FIXTURE polished brass brushed brass	LIGHT SOURCE LED, 12 V (input 120 V or 230 V), 15 W	CABLE textile coated, black, 150 cm
SUSPENDED Ø 7 cm x h 152 cm 9 kg	WALL MOUNTED Ø 7 cm x h 70 cm x d 10 cm 4 kg		
COLOUR OF GLASS clear glass with infused air bubbles	FIXTURE patinated brass	LIGHT SOURCE LED tunable white, 24 V (input 120 V or 230 V) App controlled light temperature and dimming	
VERTICAL w 15 cm x d 5 cm x h 158 cm 10 kg	HORIZONTAL w 158 cm x d 5 cm x h 15 cm 10 kg	XL w 248 cm x d 5 cm x h 85 cm 40kg	FLOOR LAMP w 40 cm x d 40 cm x h 180 cm 50 kg
COLOUR OF GLASS smoke grey	FIXTURE metal in black matte colour	LIGHT SOURCE LED, 12 V or 24 V, (input 120 V or 230 V) 15 W	
SIZE d 14 cm x h 36 cm x w 14 cm 10 kg			
MATERIAL fragmentglass, casted glass	FIXTURE metal in white colour or brass	LIGHT SOURCE LED, 24 V, (input 120 V or 230 V) 12 W	CABLE textile coated, grey, black, nude
SIZE Ø 150 cm x h 200 cm (spheres Ø 23, 19, 15 cm)			
COLOUR OF GLASS alabaster white, neutral nude, stone grey, moss green	FIXTURE brushed brass or smoke black paitna	LIGHT SOURCE G9 LED, 120 V or 230 V, 25 W	
CHANDELIER Ø 150 cm x h 140 cm (capsules Ø 16 cm x h 25 cm) 42 kg	LIGHT Ø 27 x h 100 cm (capsule Ø 27 cm x h 35 cm) 8 kg		
COLOUR OF GLASS powder pink	FIXTURE brushed brass	LIGHT SOURCE E12 or E14 LED, 120 V or 230 V, 6 W each	
SIZE w 71 cm x d 71 cm x h 120 cm 15 kg			
COLOUR OF GLASS aubergine or dark blue	FIXTURE brushed brass	LIGHT SOURCE G9 LED, 120 V or 230 V, 4 x 2.5 W	
SIZE Ø 18 cm x h 28 cm 3 kg			
COLOUR OF TOP GLASS matte crystal clear, matte smoke grey or matte amber	COLOUR OF BASE GLASS gold, silver or dark pearl glass	LIGHT SOURCE E26 or E27 LED bulb, 10 W, 120 V or 230 V	CABLE plastic coated, transparent, 180 cm
SIZE Ø 15 cm x h 25.5 cm 1.5 kg			
COLOUR OF GLASS SHADE powder pink, dark blue, smoke grey, crystal clear matte	FIXTURE brushed brass	LIGHT SOURCE E12 or E14 LED bulb, 4 W, 120 V or 230 V	CABLE textile coated, black or white, 150 cm

GLOWING VASE

52—53

SMALL Ø 26 cm × h 21 cm 3 kg	BIG Ø 26 cm × h 35 cm 4 kg		
COLOUR OF GLASS white	FIXTURE metal in white colour or brass	LIGHT SOURCE LED, 12 V (input 120 V or 230 V)	CABLE plastic coated, transparent, 200 cm

BANDASKA VASE

80—81

MINI Ø 7.5 cm × h 10 cm 0.2 kg	TALL Ø 9 cm × h 31 cm 0.5 kg	MEDIUM Ø 15.5 cm × h 25 cm 1 kg	BIG Ø 18.5 cm × h 23 cm 1 kg
XL Ø 22 cm × h 36 cm 3 kg	XXL Ø 30 cm × h 46 cm 5.5 kg		
COLOUR OF GLASS absinthe green, alabaster white, cobalt blue, mint green, neon yellow, nude neutral, opalescent blue, poppy red, powder pink, saffron orange, smoke grey or stone grey, moss green, aubergine			

BANDASKA VASE MATTE

82—83

TALL Ø 9 cm × h 31 cm 0.5 kg	MEDIUM Ø 15.5 cm × h 25 cm 1 kg	BIG Ø 18.5 cm × h 23 cm 1 kg
COLOUR OF GLASS black, dark blue, powder pink or uranium yellow, opalescent blue, aubergine, poppy red		

VASE 19

84—85

BIG Ø 18 cm × h 29 cm 1.5 kg	TALL Ø 18 cm × h 37 cm 2 kg
COLOUR OF GLASS dark green, autumn red, ochre, plum blue or sienna	

LANDSCAPES VASE

88—89

SIZE Ø 18.5 cm × h 23 cm 1.5 kg
COLOUR OF GLASS clear crystal, matte crystal

KONFETA VASE

90—91

VASE 19 BIG Ø 18 cm × h 29 cm 2 kg	VASE 19 TALL Ø 18 cm × h 37 cm 2.5 kg	BANDASKA MEDIUM Ø 15.5 cm × h 25 cm 1.5 kg	VASE 20 BIG Ø 20 cm × h 30 cm 2 kg
COLOUR OF GLASS absinthe green, alabaster white, autumn red, cobalt blue, crystal clear, dark green, mint green, moss green, aubergine, neon yellow, nude neutral, ochre, opalescent blue, poppy red, powder pink, saffron orange, sienna, smoke grey, stone grey, plum blue or white matte			

ROURA VASE

94—95

MEDIUM Ø 14 cm × h 42 cm 3 kg	BIG Ø 20 × h 55 cm 12 kg
COLOUR OF GLASS black, smoke grey or uranium	

THE HEAT VASE

96—97

SIZE Ø 20 cm × h 24 cm 1.5 kg	
COLOUR OF GLASS black, smoke grey, aubergine, autumn red, neutral nude	all colours are available in matte and glossy

BLACK IN BLACK VASE

98—99

MEDIUM l 35 cm × w 20cm × h 26.5 cm 10 kg	TALL l 15 cm × w 15 cm × h 56.5 cm 10 kg	BIG l 20 cm × w 15 cm × h 41.5 cm 10 kg
COLOUR OF GLASS black		

GLASSES & CARAFE

100—101

GLASS Ø 7.5 cm × h 7 cm 0.2 kg	CARAFE Ø 8 cm × h 23.5 cm 0.6 kg
COLOUR OF GLASS absinthe green, alabaster white, cobalt blue, mint green, moss green, aubergine, neon yellow, nude neutral, opalescent blue, poppy red, powder pink, saffron orange, smoke grey, stone grey or plum blue	

TREE LIGHT OBJECT

104—105

SIZE w 100 cm × h 115 cm × d 15 cm 30 kg		
MATERIALS cast red glass, red soil, wood branch, brushed brass	LIGHT SOURCE LED flexible stripe	LIGHT SOURCE LED flexible stripe 24 V (input 120 V or 230 V) 40 W

ECLIPSE WALL OBJECTS

106—107

SIZE 1 w 47 cm × h 75 cm × d 5 cm 7 kg	SIZE 2 w 40 cm × h 90 cm × d 5 cm 7 kg	BUBBLE w 62 cm × h 70 cm × d 5 cm 7 kg	LIGHT SOURCE LED flexible stripe 12 V (input 120 V or 230 V) 15 W
MATERIALS flat rolled glass, dichroic glass, brushed brass	MATERIALS Fragmentglass, dichroic glass, brushed brass	MATERIALS bubble glass, brushed brass	

THE CLASH OF BEAUTY

108—109

SIZE MIRROR w 60 × h 65 × d 12 cm 30 kg	SIZE WALL LIGHT w 110 × h 120 × d 12 cm 30kg
MATERIALS Fragmentglass, dichroic glass, brushed brass	LIGHT SOURCE LED flexible stripe

GALAXY LIGHT OBJECT

110—111

SIZE w 143 cm × h 188 cm × d 13 cm 40 kg	
MATERIALS cast pink glass, black granite, lithyalin glass, brushed brass	LIGHT SOURCE LED flexible stripe 24 V (input 120 V or 230 V) 40 W

FUNDO WALL OBJECT

112—113

SIZE w 46 cm × h 90 cm × d 5 cm 25 kg	
MATERIALS fused glass, sandstone, metal details	

METEORA WALL OBJECT

114—115

SIZE w 93 cm × h 120 cm × d 20 cm 20 kg		
MATERIALS Fragmentglass, sandstone, brushed brass	LIGHT SOURCE LED flexible stripe 24 V (input 120 V or 230 V) 40W	CABLE textile coated, nude, 180 cm

BURNED LANDSCAPES

116—117

DISCORD OBJECT

118—119

FRAGMENT FEAST

120—121

FRAGMENT TOWN

122

GLASS TOWN

123

SIZE 1
w 75 cm × h 104 cm x
d 3 cm 2 kg

SIZE 2
w 52 cm × h 72 cm
1.5 kg

MATERIAL
black wooden frame, burned paper

SIZE
w 80 cm × h 80 cm × d 34 cm
50 kg

MATERIALS
Fragmentglass, sand stone

LIGHT SOURCE
LED, 24 V (input 120
V or 230 V) 15 W

SIZE
w 74 cm × h 87 cm × d 4 cm
100 kg

SIZE
w 20 cm × h 12 cm × d 15 cm
3 kg

MATERIALS
Fragmentglass

GLASS VILLAGE
Ø 10 cm × h 18 cm
1.5 kg

GLASS MOUNTAIN
Ø 11 cm × h 21 cm
2.5 kg

GLASS TOWN
Ø 30 cm × h 23.5 cm
5 kg

COLOUR OF GLASS
Glass Town - crystal clear, beryl green, alex violet, rosalin, topas, eldor yellow, aquamarine blue
Glass Mountain - crystal clear, beryl green, rosalin, smoke grey, aquamarine blue
Glass Village - crystal clear, beryl green

FRAGMENT WALL

126—127

HIDDEN GERRIT

128—129

SEDIMENTA SHELF

130—131

BRASS SHELF

132—133

INFINITY TABLE

134—135

AUGARTEN TABLE

136—137

MESSIER M81 COLOUR

138—141

MESSIER M81 CLEAR

142—143

DISCORD TABLE

144—145

SIZE
w 70 × h 260 × d 3 cm

MATERIALS
Fragmentglass

SIZE
w 75 × h 190 × d 13 cm
10 kg

MATERIALS
Fragmentglass,
black coated metal

SIZE
w 85 × h 104 × 30 cm
60 kg
MATERIALS
Fragmentglass, dichroic glass,
sandstone, brushed brass

SIZE
w 150 × h 228 × 30
cm 40 kg

MATERIALS
brushed brass

SIZE
w 45 cm × h 45 cm × d 27 cm
20 kg

MATERIALS
lithyalin glass or Fragmentglass
black coated metal or raw steel

SIZE
Ø 35 cm × h 45 cm
9 kg

COLOUR OF GLASS
smoke grey
or powder pink

TABLE TOP
black coated metal
or brushed brass

SIZE
w 148 × d 68 × h 45 cm
150 kg
MATERIALS
colour cast glass,
brushed brass, raw iron

SIZE
w 140 × d 85 × h 50 cm
150 kg

MATERIALS
clear cast glass,
sandstone, raw iron

SIZE
w 130 cm × h 51 cm × d 100 cm
150 kg

MATERIALS
Fragmentglass,
Sand stone

GLASS COLOURS

Colours add a mesmerizing dimension to every glass object. The enchanting hues are achieved through the addition of various metal oxides and minerals during the manufacturing process. Transparent glass allows light to pass through, creating prisms of colour. Opacity, on the other hand, transforms glass into a canvas, reflecting and refracting light in unexpected ways.



GLASS TECHNI- QUES

Glass techniques open a realm of artistic possibilities. They allow to transform glass into intricate patterns, textures, and forms, enhancing visual interest and adding sophistication.



WOODEN MOULD

Handblown glass of rotational shape is traditionally produced by using watered wooden moulds which ensure a smooth and glossy glass surface.



METAL MOULD

Blowing glass into a metal mould creates an interesting structural appearance: The contact of the hot liquid glass with the cold metal material results in a wrinkled and uneven surface.



OPTICAL DECOR

Glassmakers use metal moulds when imposing decorative, haptically perceptible patterns to a body of glass, such as stripes, circles or diamonds.



SHAPING GLASS

In its hot state, glass can be shaped in endless ways. Products like Roura Vase and The Heat Vase use this effect, receiving unique shapes by twisting the glassblowing pipe.



ENGRAVED GLASS

Engraving is one of the most traditional techniques to enrich glass. The possibilities range from geometric patterns to filigree drawings.



CUT GLASS

Cut glass has been decorated through a cutting process, creating intricate patterns, facets, and designs on the surface of the glass.



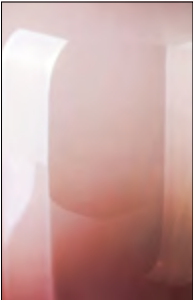
FACETED GLASS

Faceted glass, or glass with facets, has been cut or shaped with flat surfaces, creating multiple small, flat, and often geometric facets on its surface.



PAINTED GLASS

Glass painting techniques may include traditional methods like kiln-fired enamel painting or more modern approaches such as UV-cured paints.



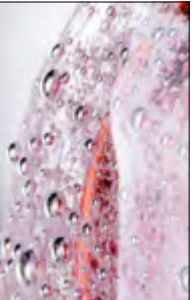
COLOUR GRADIENT

The colour gradient in the glass is a signature of DECHEM products. It usually fades from an opaque colour into crystal clear glass.



COLOUR INLAY

Colour inlays refer to the incorporation of coloured glass elements into the molten glass, allowing for the creation of intentional colour patterns.



AIR BUBBLES

Introducing air bubbles into the hot glass, gives it a lively texture and results in one-of-a-kind pieces. When interacting with light, the air bubbles create a special sparkling effect.



METAL POWDER

Adding metal dust to the hot glass can colour the glass and cause air bubbles as well as streaks to appear in a wild manner. Different types of metal create different colours and outcome.



MATTE SURFACE

Unlike traditional glossy glass surfaces that reflect light sharply, matte glass scatters light, creating a softer and less shiny appearance.



SILVERED GLASS

The silvering process involves applying a thin layer of metallic substance, often silver nitrate or aluminum, to the back surface of the glass. This reflective coating creates a mirror-like finish.



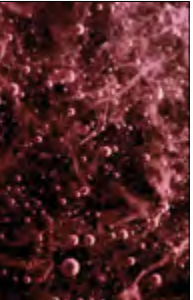
GLUING

Gluing allows for the bonding of separate elements without the need for traditional framing or supports, ensuring a seamless appearance.



CAST GLASS

Cast glass is produced by melting glass into a mould, allowing it to take on the shape and texture of the mould as it cools and solidifies.



CAST GLASS WITH BUBBLES

Adding intentional air bubbles to cast glass can be a creative technique that enhances the artistic appeal of the finished piece.



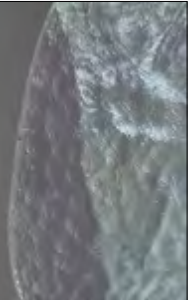
FRAGMENT GLASS

DECHEM's new material uses residual glass which is remelted into colourful glass boards.



LITHYALIN GLASS

Lithyalin glass is an old glass-making technique characterized by its swirls or marbled patterns, resembling natural stones.



FLAT ROLLED GLASS

The organically shaped glass sheets are the result of molten glass being poured on a metal board and then rolled out like dough.



FUSED GLASS

Fused glass is a technique where multiple pieces of glass are heated in a kiln until they bond together, creating a single, unified piece.



DICHROIC GLASS

When viewed from different angles or under varying lighting conditions, dichroic glass can appear to be one color, then shift to another.



METALLIZED GLASS

Metallized glass has been coated with a thin layer of metal, forming a reflective surface on the glass. It finds use in various industries, including automotive, architecture, and electronics.



FRAG- MENT GLASS

Not only out of respect for the expended energy and work of craftsmen, but also out of respect for the material itself, DECHEMA studio uses the residual glass and, by remelting it, gives it another, noble life. The resulting glass sheets come in a variety of customisable colours.

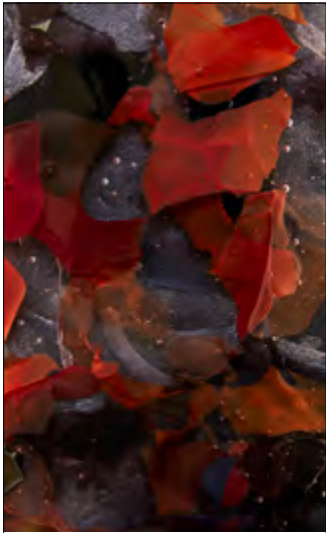




Clear, light grey & smoke grey



Clear, powder pink, violet & stone grey



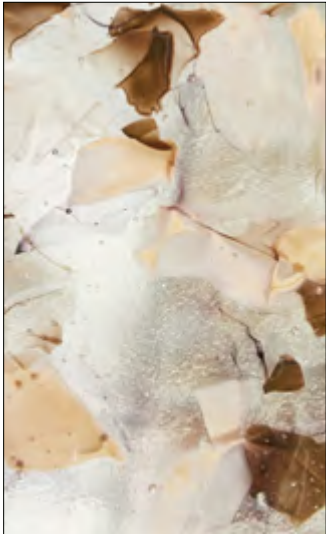
Clear, red & smoke grey



Clear, stone grey & alabaster white



Clear & smoke grey



Clear, nude & sienna

FRAGMENT GLASS COLORS

With Fragmentglass, DECHEM Studio created a new material from upcycled glass, defined by its organic structures and atmospheric depth. This year, we expanded the technique into multiple color variations, each bringing a different mood and visual rhythm. From soft, nature-inspired tones to deeper, more dramatic shades, the colored Fragmentglass panels reveal new layers of expression



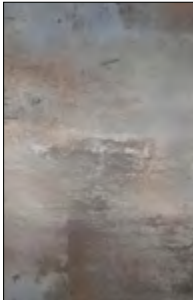
BRUSHED
BRASS



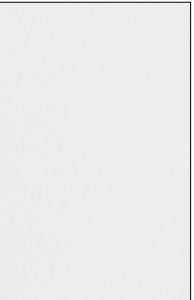
POLISHED
BRASS



PATINATED
BRASS



RAW
IRON



COLD WHITE
MATTE COATED
METAL
RAL 9010



WARM WHITE
MATTE COATED
METAL
RAL 9001



RAW
STEEL



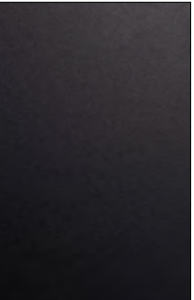
BRUSHED
STEEL



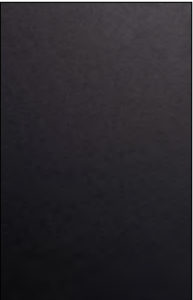
POLISHED
STEEL



TEXTURED BLACK
METAL



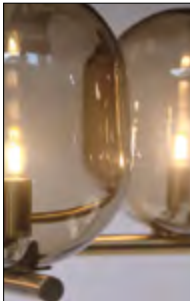
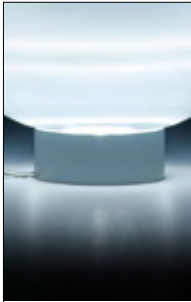
BLACK MATTE
COATED METAL
RAL 9005



ANTHRACITE MATTE
COATED METAL
RAL 7016

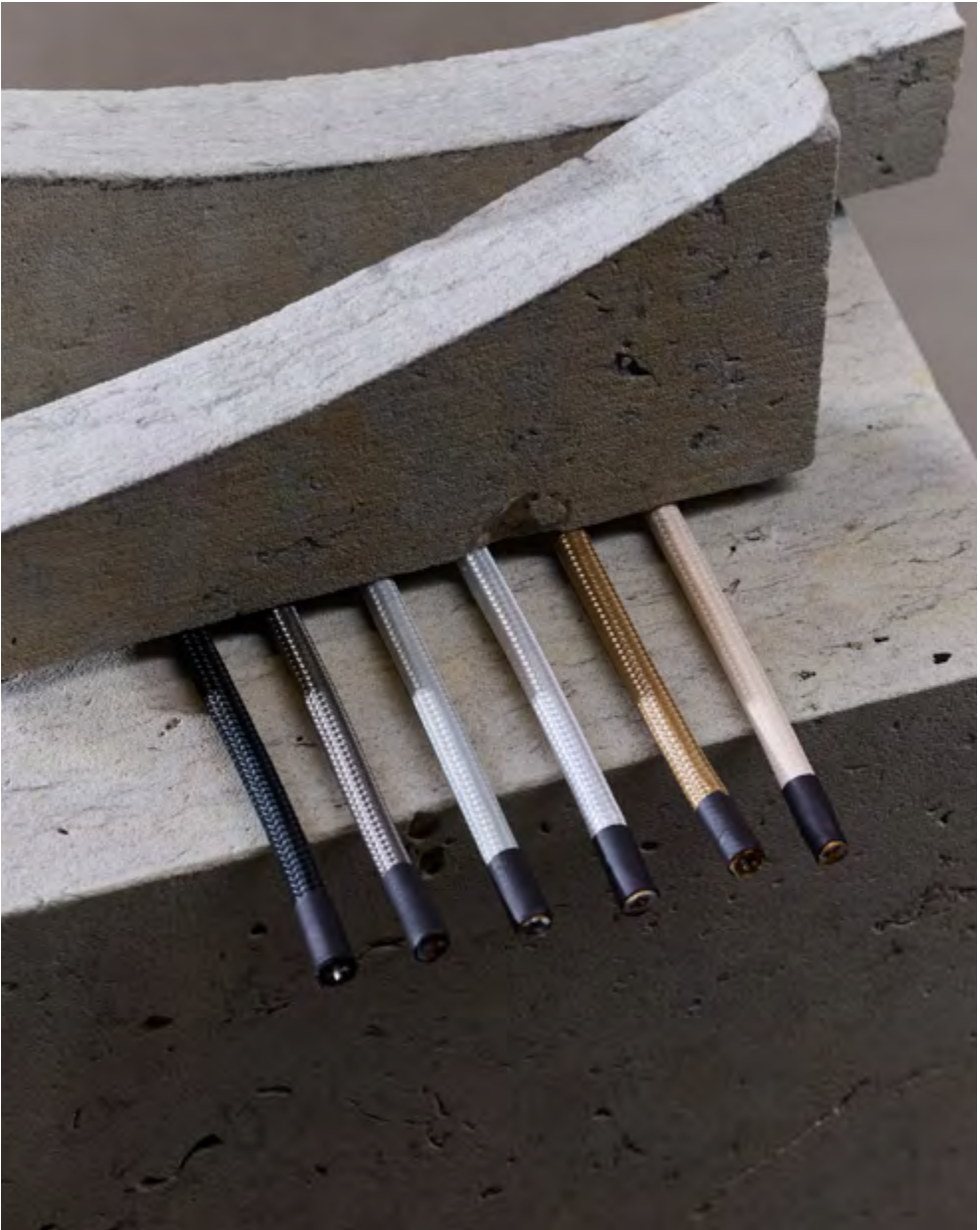
METALS & FINISHES

Metals serve as versatile and enduring elements, adding both functionality and aesthetic appeal. Often used in their natural appearance, they can also be customised in a wide range of colours.

 E14 bulb WARM WHITE 7 W (LED) 2700 K 1100 lm 120V or 230 V	 E27 bulb WARM WHITE 9 W (LED) 2700 K 1200 lm 120V or 230 V	 E27 bulb WARM WHITE 20 W (LED) 2700 K 2452 lm 120V or 230 V	 GU10 WARM WHITE 4,3 W (LED) 2700 K 350 lm 120V or 230 V	 G9 WARM WHITE 2,5 W (LED) 2700 K 250 lm 120V or 230 V
 LED CHIP WARM WHITE 4 W 2700 K 120V or 230 V	 LED STRIP COLD WHITE 7 W / m² 2700 - 4500 K 12 V (input 120 V or 230 V)	 LED STRIP WARM WHITE 7 W / m² 2700 K 12 V (input 120 V or 230 V)	 LED STRIP LINEAR 7 - 15 W / m² 2700 - 6500 K 12 - 24 V (input 120 V or 230 V)	 LED STRIP CIRCULAR 7 - 15 W / m² 2700 - 6500 K 12 - 24 V (input 120 V or 230 V)

LIGHT SOURCES

The choice of a light source in design is pivotal, as the right lighting not only illuminates a space but also defines its character, playing a crucial role within the overall design aesthetic. Please note that the data provided might change.



FROM LEFT TO RIGHT
 - black - steel grey - silver white - white - nude - cream

ELECTRIC CABLE COLORS

We use the textile covered US certified electric wires for our lighting. The color palette is selected to match the aesthetisc of the metal parts and the glass. The cables are manufactured in the Czech Republic or Italy using silk, cotton or synthetic fibres to guarantee the best look, manteinance and longevity. For some lights an extra stailless steel wire is included inside the cable to support high weights.



DECHEM Showroom



Na Zátorách 7
Prague
Czech Republic



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