

ORIGINAL MELDORFER®

Flat facing bricks handmade in Germany

THE POWER OF SURFACE.



FOR BUILDINGS WITH CHARACTER

Nordic by nature

At its location in Schleswig-Holstein, far in the north of Germany, the Original Meldorfer® factory has been producing high-quality hand-made flat facing bricks from natural sands and minerals since 1979. Inspired by nature and using traditional artisan methods, the unique designs of our products lend a special, one-of-a-kind quality to any building. And with their exceptionally hard-wearing properties, they have what it takes to defy almost anything the weather throws at them. That's all part of what Original Meldorfer® stands for. Founded on a vision of quality that's built to stand the test of time, our products are a modern, affordable solution for truly creative façade designs.



ORIGINAL MELDORFER®

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THE PERFECT PARTNER FOR ALL CREATORS OF BETTER LIVING SPACES.

For over 125 years, Caparol has been reinventing surfaces to make buildings more beautiful, healthier, more efficient and more sustainable. Discover our comprehensive product solutions and services. Discover the power of surface.



THE POWER OF SURFACE.



LIKE BRICKS.

BEAUTIFUL

Like the name suggests, Original Meldorfer® lend every façade a unique and authentic appearance. With near unlimited customizable solutions, architects can create bricks in any style, colour and format to match their exact needs. Original Meldorfer® are handcrafted in Germany with artisanal methods making each brick a one-of-a-kind. Their unique technical properties allow them to be used on façades and interiors of all types, from ETICS, monolithic build to monument conservation.

DURABLE

The decision for Original Meldorfer® is a decision for a long-lasting system. Your project will remain in stellar condition for the next 30 years, at least. Due to the protective effect against cracking, algae and color-fading you won't have to bother with the typical follow-up costs you may experience with other coatings. Frost- and impact-resistance further protect your investment. The non-flammable characteristic of Original Meldorfer® veneers make them a safe choice for any façade.

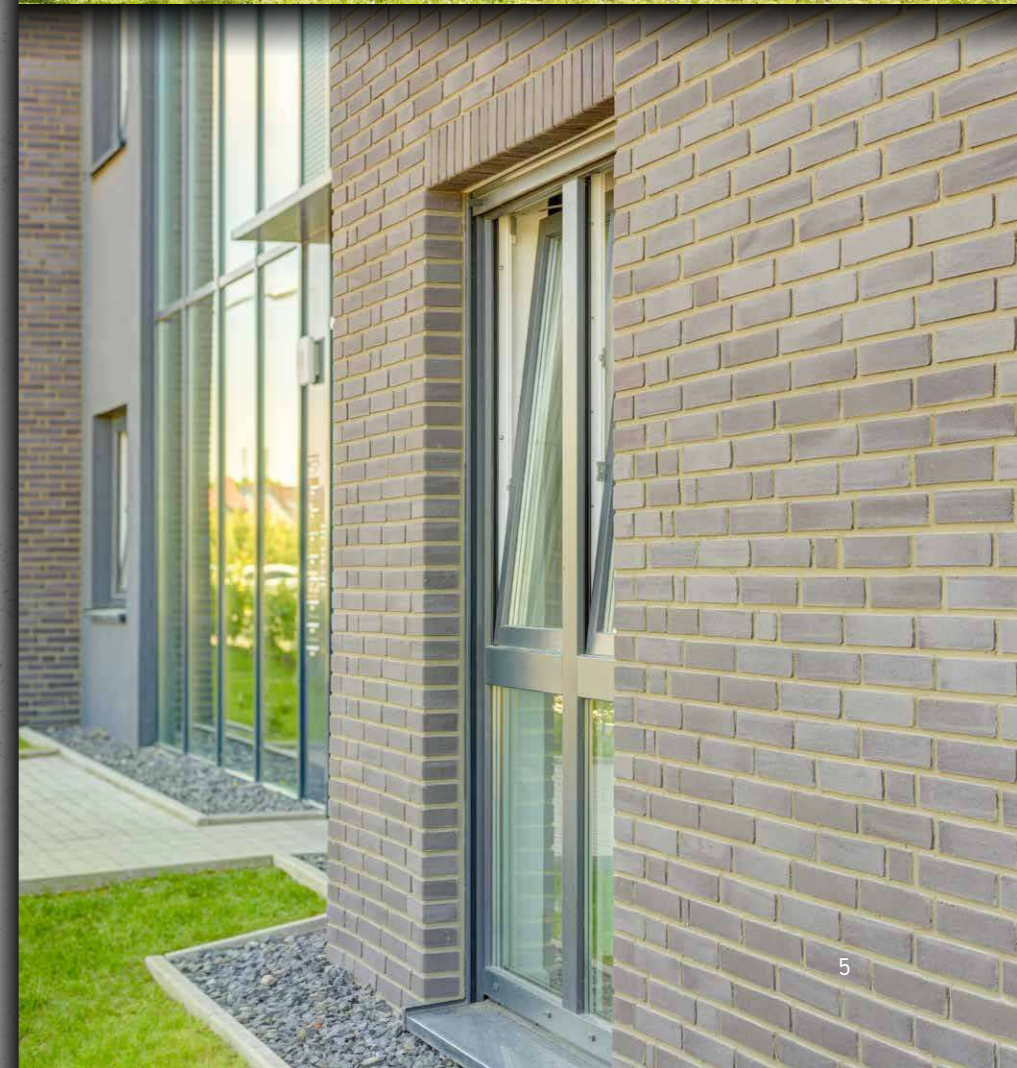
JUST BETTER.

SUSTAINABLE

In a world with increasingly scarce resources and a changing climate, choosing sustainable building materials matters now more than ever. Original Meldorfer® are made from natural sands and minerals - biocide free and certified eco-friendly by the Blue Angel. Unlike clinker brick slips, Original Meldorfer® are dried at 70°C and not fired at 1.000°C. They are also real lightweights and therefore much more climate-friendly in transport. All in all, Original Meldorfer® have a 60% smaller CO₂ footprint than clinker brick slips according to their EPD.

ECONOMICAL

Original Meldorfer® allow for the realisation of ambitious projects even under tight budgets. Overall, they offer a cost advantage of about 20% over clinker veneers. With a weight of 5 kg/m², Original Meldorfer® are 80% lighter than their clinker counterparts and therefore much faster and easier to install. Time-consuming dowelling, heavy bonding and additional fire protection measures, which clinker brick slips often require, can be dispensed with. This saves time and substantially reduces construction costs.



THE FACTORY

Handmade in Germany

The production work that takes place at the Original Melderfer® factory in Schleswig-Holstein is the perfect blend of technology and tradition. Cutting-edge machinery is an essential ingredient, but the process also relies heavily on craftsmanship, experience and finesse due to the traditional artisan methods that have always been a hallmark of the surfaces we produce. High standards and strict production specifications ensure that the quality of our products remains consistently outstanding.



TAILOR-MADE DESIGNS



ORIGINAL MELDORFER® HANDCRAFTED QUALITY

Every single flat facing brick is one of a kind, and over the past 40 years or so, one place has given birth to them all: our factory in Nindorf, situated near the seaside resort of St. Peter-Ording. Always individual while staying true to their design, all of our surfaces deliver the kind of quality that comes from true craftsmanship. That's the Original Meldorfer® promise. Both the design and function of our flat facing bricks set exceptional standards. Measuring just 4 to 6 millimetres thick, they are much lighter and more cost-effective to handle than solid bricks and brick slips. And they are just as hard-wearing, thanks to the in-depth research and development that goes into

them – plus our years of experience and proven material compositions. While the raw materials are machine-processed, traditional artisan methods are always used to give the surfaces their own unique final finish. More than 90 percent of the material in the flat facing bricks is made up of natural sand, ground stone and high-quality mineral fillers. The result is a material that's outstandingly hard-wearing, resistant to impact, and easy to clean. For architects, planners and property developers alike, it opens a window onto a whole new world of façade and interior design.

ARTISINAL PRODUCTION

The techniques used to produce our flat facing bricks are key to ensuring that each one achieves certain standards of quality. For around 40 years now, they have been produced using artisan methods at our factory in Schleswig-Holstein. Strict development and production standards allow the very light material used in the products to deliver consistently excellent quality.

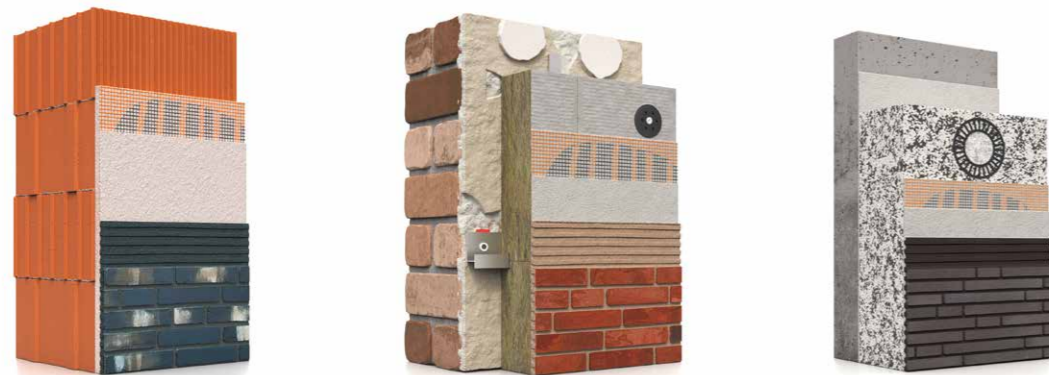


TECHNOLOGY IN PERFECT HARMONY

SOLUTIONS BY DESIGN

Original Meldorf® products can be used on almost any substrate. They have a low weight and are very thin when applied in comparison to solid bricks and brick slips, meaning less time spent on handling and lower costs. They are suitable for use on façade insulation systems, ventilated curtain wall façades, monolithic structures, combination façades and interior areas. What's more, Original Meldorf® products can be used on any insulation system, regardless of the insulation material thickness, and are perfect for applying to panels made from mineral wool, EPS or polyurethane. Unlike conventional systems that use hard surfaces, there

is not always the need for additional anchoring, and the insulation only requires 40 percent adhesive coverage. There is no need for field demarcation joints, and the adhesion and joint formation processes are carried out in a single step using just one material. The surfaces retain their colour outstandingly well and are exceptionally durable – as well as frost-resistant, UV-stable, quick-drying and able to withstand mechanical strain. Whether they're used outdoors or indoors, the truly versatile products from the Original Meldorf® brand offer outstanding technical attributes at the right price, and can help make any design dream come true.



Original Meldorf® products can be used on a range of different insulants. They are even suitable for monolithic structures.

- Natural material made up of sand, ground stone, fillers and binding agents
- Saves time and costs during processing, compared to conventional hard surface systems
- Exceptionally durable – comparable to brick slips
- Slim material structure (around 8 mm, including adhesive)
- Low weight (around 5 kg per m²)
- Versatile: use with thermal insulation systems, ventilated curtain wall façade systems, monolithic structures and interiors
- Resistant to mechanical strain and frost; quick-drying surfaces (water absorbency in 24h: 0,5 kg/m²)
- Versatile design options ranging from classic brick appearances to customised artistic design concepts
- Can be used on mineral wool and EPS insulation panels
- Non-combustible or low flammability, depending on the selected system type
- Diffusable equivalent air layer thickness: sd = 0,9-1,3



System	Thermal insulation system, ventilated curtain wall façade system or monolithic system with adhesive-mounted flat facing bricks
Surfaces	Smooth or grained, all sanded
Formats	Versatile design options based on laying pattern (random bonding, cross bonding, header bonding); multi-formats, long formats, other custom formats available
Joint sealing Compounds	Material can be custom-coloured
Insulation	Dependent on insulant (mineral wool or EPS, for example) and, in Germany, the general construction type approval
Fire behaviour	Dependent on the selected system type (non-combustible systems may be an option if mineral wool is being used, for example)

DESIGN COLLECTIONS

TO EACH HIS OWN

With Original Meldorfer®, there are no limits when it comes to design and style. Three distinctive collections cover all possible situations and demands. From the timeless elegance of the urban classic line with its traditional looks, inspired by the northern German coastal areas, to fresh and new perspectives with the new design line to total freedom and customization that comes with the free style collection.

URBAN CLASSIC

TRADITIONAL BRICK APPEARANCE

NEW DESIGN

DIFFERENT VIEWS AND FRESH PERSPECTIVES

FREE STYLE

NO LIMITS

URBAN CLASSIC

Traditional brick appearance

Northern landscapes are raw, unadulterated places, full of personality and sharp edges. And brick is the undisputed leader among the materials characterising the north, found throughout the architecture of towns and cities in many countries on the North and Baltic Seas. The robust beauty that brick delivers is in demand now more than ever. The Urban Classic range from Original Meldorfer® puts a modern spin on this traditional material.



EARTHY AND TIMELESS

TRADITIONAL BRICK OPTICS



CLASSIC COLOURS AND DESIGNS FOR EVERY DETAIL OF A FAÇADE

Original Melderfer® products open up a vast range of options for architects, planners, property developers and building contractors, allowing them to enhance a variety of surfaces in unique, cost-effective ways. Ever since their production began, they have delivered versatile yet affordable solutions for façade insulation systems, ventilated curtain wall façades and monolithic structures alike, and suit façade designs involving natural brick looks particularly well. The Urban Classic range gives architects and planners a choice of numerous classic colours, formats and textures – with custom-made products also available. Flat facing bricks are compatible with almost every brick format and can be used to prefabricate full structu-

ral elements. Virtually any colour shade can be faithfully reproduced. As a result, Original Melderfer® products with a traditional brick appearance never fail to create something natural-looking. They can even be applied without the need for disruptions in the bonding or field demarcation joints, while their colours can be used to build a palette with impact. Through workmanship that makes them virtually indistinguishable from conventional fired brick, and corner flat facing bricks that blend seamlessly with the overall façade to create the perfect imitation of solid stone, these are products for exposed brick looks that pay close attention to every detail.

CREATIVE STEPPINGSTONES

Architects designing surfaces for façade insulation systems need a diverse and creative range of options that they can draw from. Façades featuring Original Melderfer® products paint intriguing new points of detail on today's architectural landscape.

KALAMAJA RESIDENCE TALLINN

The two-building residential complex was built in 2016. Located in a highly sought-after area – Tallinn's most promising Kalamaja area – the charm of this small and private residential complex lies in its sea view and its proximity to the heart of the city and the Old Town. Architects Raud & Kalberg used a flat facing brick from the Original Melderfer® urban classic range to achieve an authentic northern look.



WHERE PAST MEETS PRESENT

ARCHITECTURAL MONUMENT ON THE OUTSIDE –
LIVING COMFORT ON THE INSIDE

HOW MAGDEBURG'S MILITARY BUILDINGS BECAME A CHIC RESIDENTIAL QUARTIER

Back to the 19th century, Magdeburg's former Ravensberg barracks once housed administrative offices and service apartments for the Corps Clothing Office of the IV Prussian Army Corps. They also served as workshops and warehouses. When the site was no longer used by the military and its use since the GDR era expired in the 2000s, the buildings, some of which had been damaged in World War II, stood mostly empty – until the Berlin-based project developer Goldmann Group recognized the potential of the abandoned brick ensembles.

Because the project needed to comply with historic preservation requirements, the new façade was created with Original Melderfer® flat facing bricks in historically correct colors. This was key to creating an architectural monument on the outside. Living comfort on the inside was achieved by using only the best of materials like oak parquet flooring, brand-name fitted kitchens and chic bathrooms. All apartments were fitted with new wooden windows with insulating glazing, thermal insulation glazing all around and soundproof glazing facing the street. Another advantage is the thermal insulation of the exterior walls, which not only provides a pleasant indoor climate, but also helps the apartments offer slightly more living space than the neighboring buildings, which are insulated on the inside.

RESTORING AN ICONIC LOOK

The Virchow Quartier was completed in the summer of 2020 and impresses with its clear brick and tile construction. The three buildings grouped around a quiet courtyard exhibit expressive façades composed of red and yellow clinker bricks. The residential buildings were upgraded with balconies, terraces and additional roof floors.

It was vital for the architects from ABA-Planungsgesellschaft to reconstruct the original façade look as faithfully as possible. For that, they sent old bricks and documents to the coloristic experts at Original Melderfer® who meticulously recreated samples until they got it just right.

ENDURING ELEGANCE



CLASSIC LOOKS FOR TOMORROW

Original Meldorfer® don't just look great. They are also highly durable and sustainable due to their mineralic nature. So if you are looking for a brick-style façade design that will remain as timeless as the classic looks found throughout northern Germany – look no further. Even the standard Original Meldorfer® product range offers a wide variety of classic and modern designs that will stand the test of time.

URBAN CLASSIC COLLECTION



Altweiß
240 x 52 mm, 240 x 71 mm
Joint colour: sand white



Juist
240 x 52 mm, 240 x 71 mm
Joint colour: cement grey



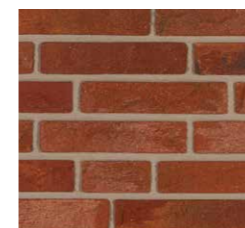
Sylt
240 x 52 mm, 240 x 71 mm
Joint colour: cement grey



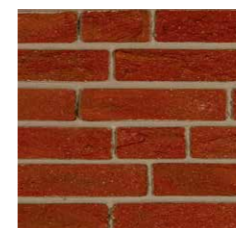
Antik
240 x 52 mm, 240 x 71 mm
Joint colour: cement grey



Mecklenburg
240 x 52 mm, 240 x 71 mm
Joint colour: cement grey



Hamburg
240 x 52 mm, 240 x 71 mm
Joint colour: cement grey



Dithmarschen
240 x 52 mm, 240 x 71 mm
Joint colour: cement grey



Rotbunt
240 x 52 mm, 240 x 71 mm
Joint colour: cement grey



Lüneburg
240 x 52 mm, 240 x 71 mm
Joint colour: cement grey



Oldenburg
240 x 52 mm, 240 x 71 mm
Joint colour: cement grey



Brandenburg
240 x 52 mm, 240 x 71 mm
Joint colour: cement grey



Westerwald
240 x 71 mm
Joint colour: cement grey



Stockholm
400 x 40 mm
Joint colour: sand white



Oslo
400 x 40 mm
Joint colour: cement grey



Sandstein
Multiformat:
300 x 52/71/135 mm
Joint colour: sand white



Kopenhagen
400 x 40 mm
Joint colour: anthracite

NEW DESIGN

Different views and fresh perspectives

Distinctive landscapes, constantly changing with the tides and seasons. Their unusual shapes, colours and textures are a never-ending surprise and open up entirely new horizons. And new shapes, colours and textures are exactly what Original Meldorfer® New Design is all about.



VARIETY BY DESIGN

A MODERN TWIST FOR TRUE ORIGINALS



LOOKS THAT GO BEYOND THE TRADITIONAL BRICK

Original Meldorf® products offer a whole range of cost-efficient façade solutions with outstanding technical attributes. The materials used in these solutions are highly adaptable and weigh just about 5 kilograms per square meter, giving them a real edge over other solutions. And thanks to the deft craftsmanship of our experienced specialists, they can be moulded, altered and textured in any way required. In addition to traditional brick appearances and surfaces, this range offers an entirely new set of larger formats and elongated shapes – plus a variety of joint pattern options – for solutions to suit the exact needs of architects, planners and property developers. Original Meldorf® New Design means fresh perspectives and new possibilities. This extensive range also features distinctive surfaces with wood, natural stone, metallic and concrete looks. Traditional artisan methods help to shape the surfaces and give the flat facing bricks their own unique final finish.

TALVIKU HOMES TALLINN, ESTONIA

The apartment complex was completed in 2021. Located in immediate proximity to the city center, inhabitants enjoy living in the greenbelt. The façade of the building has been fitted with unique, handmade Original Meldorf® tiles to blend in with the pleasant surroundings while providing a characteristic and modern look. Another decisive factor for architect Karel Kosk was the extreme durability Original Meldorf® tiles lend to the façade.



OLD HARBOUR QUARTER

LIVING WITH A VIEW

Bremen's Überseestadt area represents one of the city's most significant endeavours in urban planning. Now, the Marcuskaje project has written a new chapter in the history of this area. Created on the basis of plans drawn up by architectural firm Hilmes Lamprecht Architekten BDA, the development provides 250 residential units, 150 of which are publicly subsidised. It is made up of four building structures containing either six or seven floors, with everything in an open design centered around a courtyard of green space. The white and grey-beige brick-look façades, with their cantilevered balconies and elegantly

detailed openings, lend the buildings a distinctive appearance. Each of the units has been equipped for disability needs and in line with the German KfW 70 energy standard. The process of designing the façades and their range of joint patterns incorporated Original Meldorfer® flat facing bricks – measuring just 4 to 6 millimetres thick, they presented a cost-effective alternative to the solid ceramic brick used on conventional façade structures, and made it possible to save both time and costs in the course of bonding them to the façade insulation system.

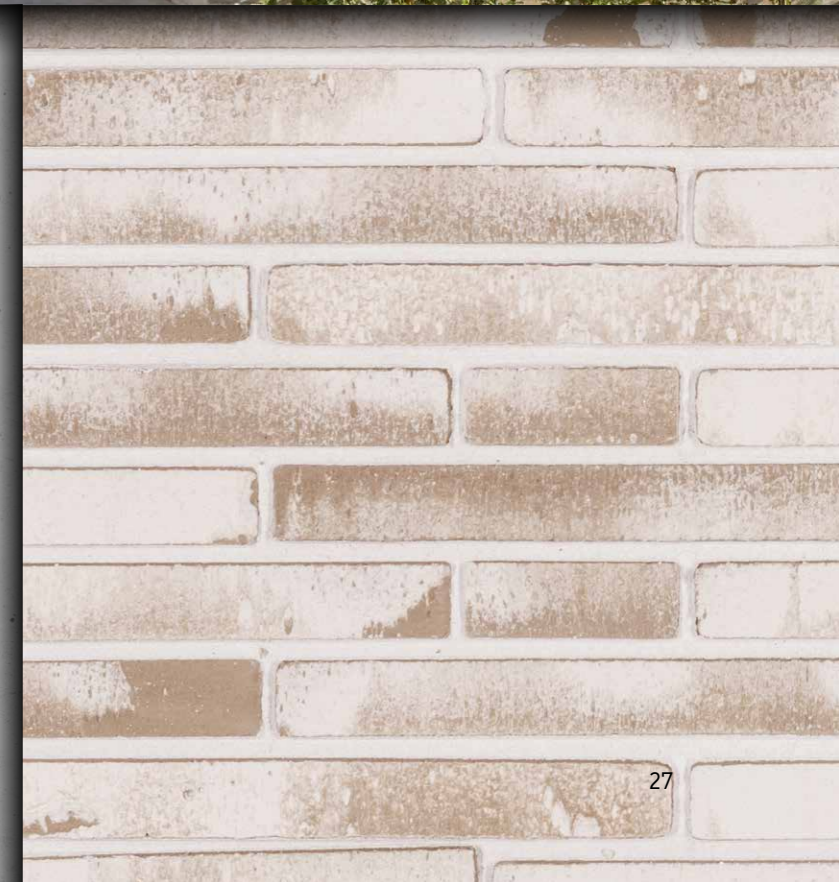


»BREMEN'S ÜBERSEESTADT AREA IS NOW HOME TO A CROP OF ATTRACTIVE, AFFORDABLE RESIDENTIAL UNITS THAT USE ENERGY AMAZINGLY EFFICIENTLY AND LOOK GREAT WHILE DOING IT.«

Architect Hans Jürgen Hilmes,
Hilmes Lamprecht Architekten BDA, Bremen,
Germany

MARCUSKAJE DEVELOPMENT BREMEN

Custom-produced flat facing bricks, accommodating a range of different joint patterns and formats in line with the planners' specifications, were used in the façade design for the Marcuskaje development. This layer measures just 4 to 6 millimetres thick, but is nevertheless hard-wearing – and its low weight made it easy to bond to the substrate.



INSPIRED BY NATURE

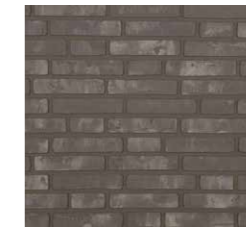
NEW DESIGN COLLECTION



Kolding
240 x 52 mm, 240 x 71 mm,
400 x 40 mm, 740 x 52 mm
Joint colour: anthracite



Jever
240 x 52 mm, 240 x 71 mm,
400 x 40 mm, 740 x 52 mm
Joint colour: cement grey



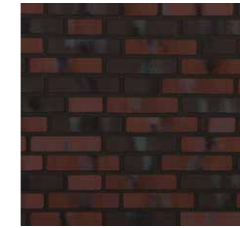
Stralsund
240 x 52 mm, 240 x 71 mm,
740 x 52 mm
Joint colour: cement grey



Helsinki
240 x 52 mm, 240 x 71 mm,
400 x 40 mm, 740 x 52 mm
Joint colour: sand white



Holstein
240 x 52 mm, 240 x 71 mm,
400 x 40 mm, 740 x 52 mm
Joint colour: cement gray



Kiel
240 x 52 mm, 240 x 71 mm,
400 x 40 mm, 740 x 52 mm
Joint colour: anthracite



Malmö
240 x 52 mm, 240 x 71 mm,
400 x 40 mm, 740 x 52 mm
Joint colour: sand white



Steingrau
300 x 135 mm
Joint colour: anthracite



Bork
300 x 135 mm, 600 x 300 mm,
740 x 52 mm
Joint colour: cement grey



Betongrau
300 x 135 mm, 600 x 300 mm
Joint colour: cement grey

NATURAL STONE, CONCRETE AND WOOD LOOKS

The distinctive Original Meldorfer® New Design collection features an extensive range of surfaces with wood, natural stone, and concrete looks. While the flat facing bricks look solid, surfaces designed with Original Meldorfer® weigh very little. With custom solutions like larger formats, elongated shapes, and a variety of joint pattern options it is possible to create bricks that suit the exact needs of architects, planners, and property developers. By using adaptable materials, Original Meldorfer® products deliver versatile, attractive solutions with unique accents on the base textures – the result of stripping, filling, combing, smoothing, or designs based on color schemes.

FREE STYLE

No Limits

Endless expanses, total freedom. Original Meldorfer® Free Style is all about venturing to the outer limits, seeking out new challenges and discovering previously unfathomable opportunities. Explore new creative horizons in façade and interior design and find outstanding solutions to suit your material, colour, shape and texture needs.



TOTALLY UNIQUE

EXPLORE NEW DESIGN HORIZONS

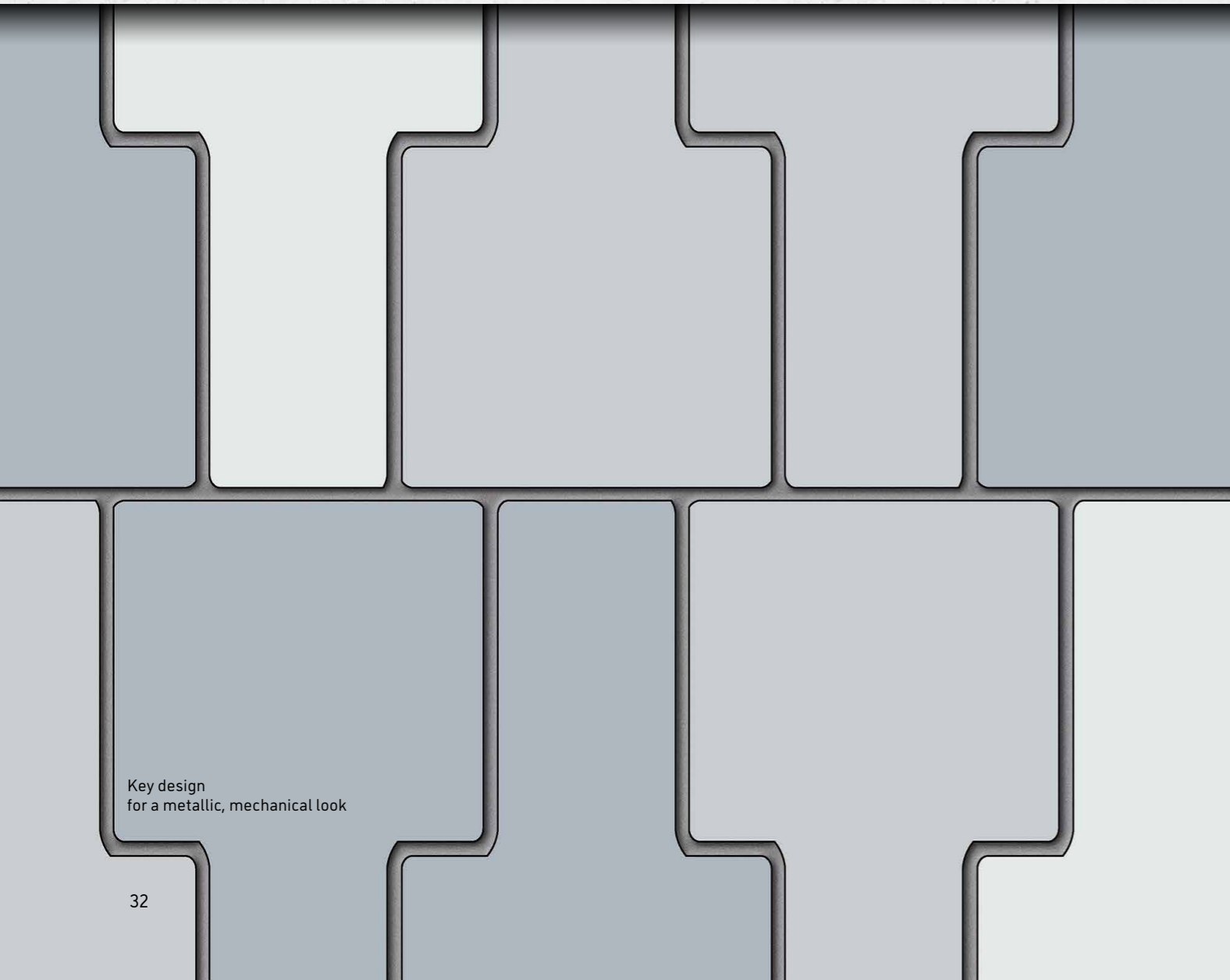
We believe that creating the freedom to explore design options means continually rewriting the rules that govern what we do. We work with architects, planners and property developers to define those rules. Working on the basis of our roots in traditional craftsmanship and our decades of experience, we consider it our duty to keep expanding the wide range of flat facing bricks that we offer – and to look beyond the conventional, so that we can accommodate even the more unusual solutions. Like virtually no other material, Original Meldorf® products open up the possibility of creating unique, exciting design concepts in both interior and exterior applications – and

with consistently outstanding quality. They can make almost any design dream come true. All kinds of different formats and format combinations are available, and are created using a pattern that is produced according to the planner's specifications. From custom-designed reliefs to organic, amorphous shapes, and polygons and ellipses to complex artistic designs, this range accommodates the full spectrum of solutions for façades and rooms. Inspired by the constant desire to create something new, Original Meldorf® Free Style is a range without limits.

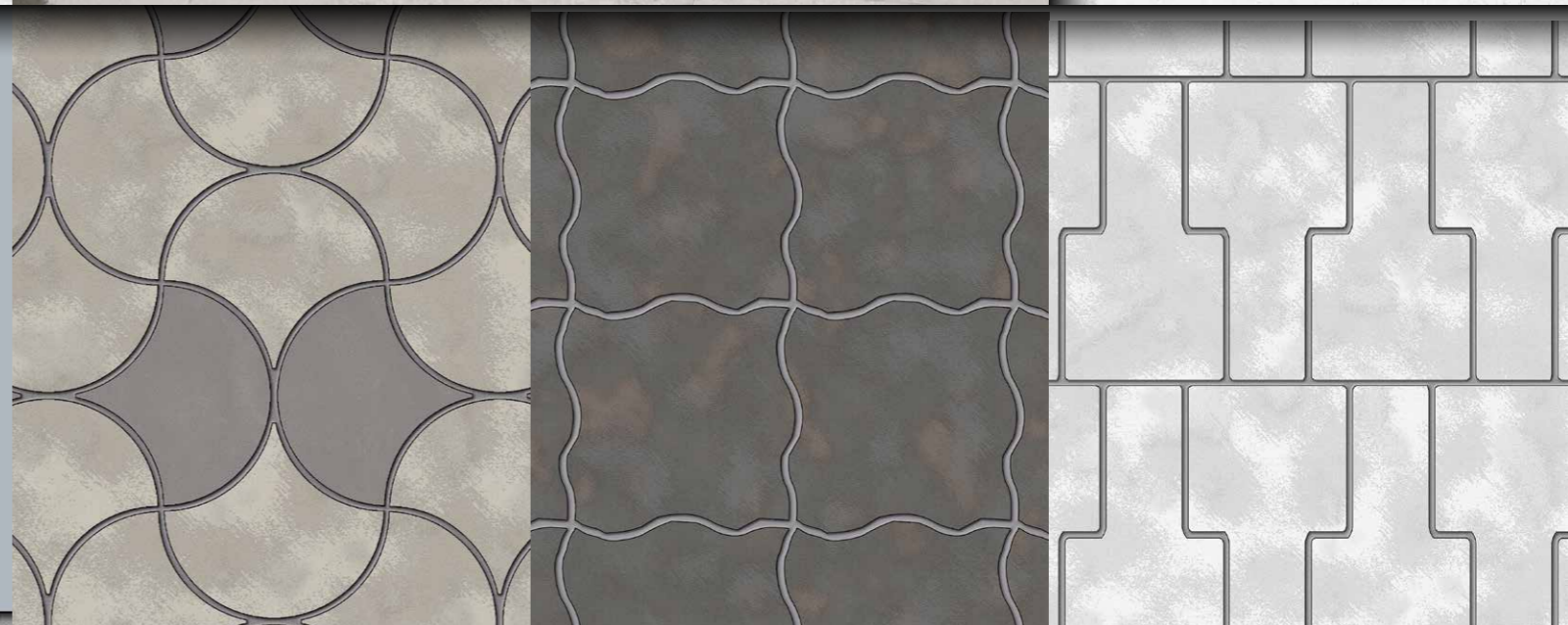


HANDCRAFTED TO PERFECTION

The raw mineral mixture that we use can be moulded into virtually any shape. And the range of designs we can create using our flat facing bricks is just as diverse. With its ability to bring such a variation of creative artistic concepts to life, the Free Style range truly lives up to its name.



Key design for a metallic, mechanical look



EXPECT THE UNEXPECTED

Able to accommodate new formats, colours, textures and joint patterns, Original Meldorf® Free Style products tap into previously unexplored possibilities for giving surfaces that added element of flair. Examples of design solutions, left to right:

Seamless Patterns 03 (organic, homogeneous, natural, discreetly structured, monochrome); **Square Wave** (distinctive, skilful, prominent, amorphous, structured); **Key** (graphic, mechanical, metallic, cool pastels, structured).

TETRIS DESIGN

CREATIVE COLOURS, FORMATS
AND JOINT PATTERNS

Joint colour: anthracite | Code: 4111/1



Joint colour: cement grey | Code: 4166/1

New design horizons

Original Meldorfer® Free Style is all about extraordinary solutions for colour, shape and texture. Its versatile, malleable material can make almost any design dream come true.

Endless possibilities

Original Meldorfer® products open up a whole range of attractive solutions covering everything from organic and amorphous elements to polygons and ellipses, all the way through to complex artistic designs.



Joint colour: anthracite | Code: 4110/1



Joint Colour: cement grey | Code: 3992/3

A MODERN TRIBUTE TO THE AGE OF INDUSTRY

RELIEF STRUCTURES USING ORIGINAL MELDORFER®



FRANKENBERGER HÖFE, AACHEN

Developed on the basis of plans drawn up by the architectural firm kadawittfeldarchitektur, Aachen's Frankenberger Höfe is an urban residential complex that creates a modern segue from its neighbouring Frankenberg quarter, dating from Germany's economic boom period known as the "Gründerzeit". The planners were especially conscious of establishing the right look on the building façades. Adopting a modern twist on the surrounding historical buildings, sections of the development were designed with mezzanine levels, different kinds of plinths,

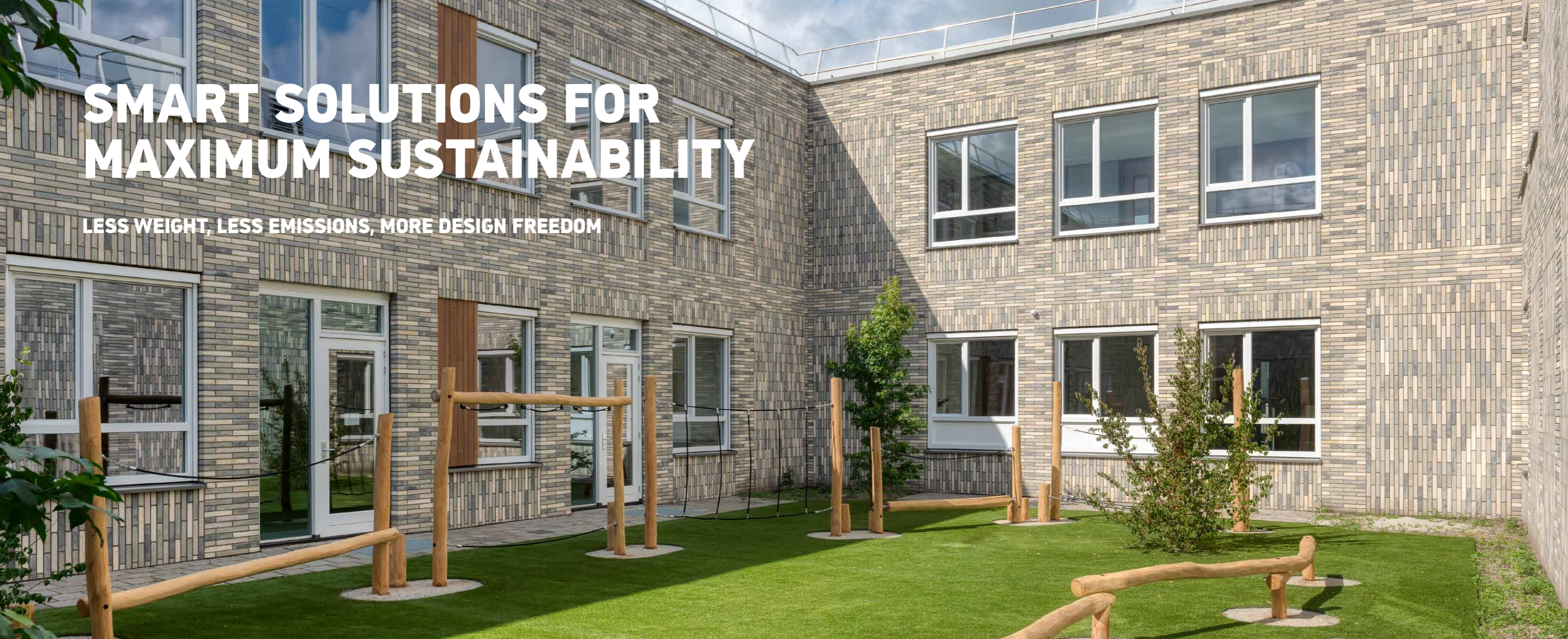
vertical windows, bay windows, corncicing, French balconies and a variety of roof ridge heights. The planners diversified the surfaces by incorporating intricately handcrafted areas with broom finishes and fine plaster, as well as milled boss patterns and panel elements. Original Meldorfer® products were also applied in a kind of 3D relief structure, creating an unusual effect that marked out the different plinth types on the ground-floor façades. The result is a unique façade style whose distinctive character and detail make it truly stand out from other new-build projects.

FLAT-FACING BRICK RELIEF

Original Meldorfer® products were used as plaster-moulded parts for the textured surfaces on the façades, creating a vivid relief structure in certain sections. The planners also accentuated the façades using milled boss structures, window frame and corncicing profiles, plus fine plaster surfaces and renders with combed and broom finishes.

SMART SOLUTIONS FOR MAXIMUM SUSTAINABILITY

LESS WEIGHT, LESS EMISSIONS, MORE DESIGN FREEDOM



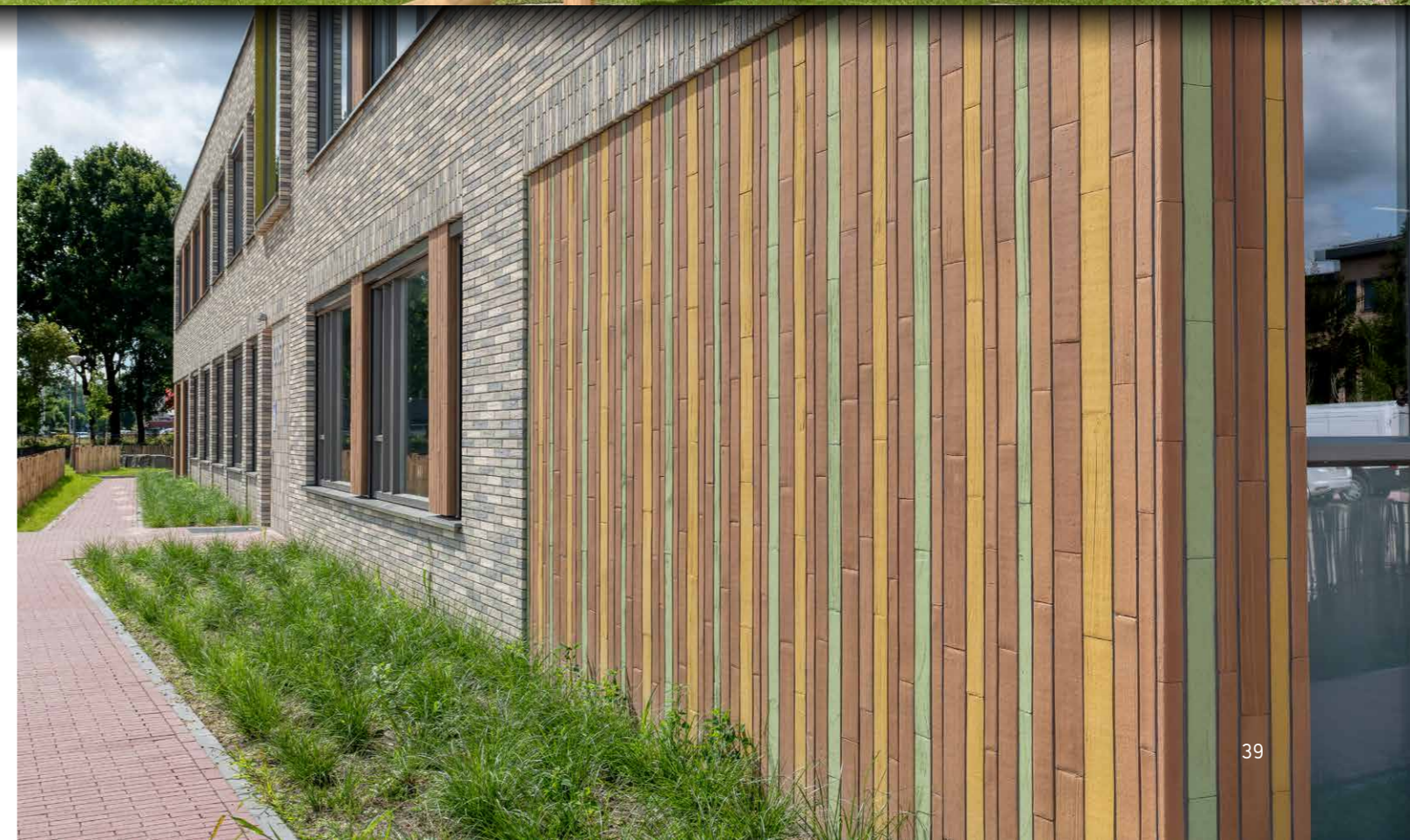
ALOYSIUS-SCHOOL, EINDHOVEN

The new Aloysius School in Eindhoven is a truly sustainable building. This was achieved through the reuse of materials and an eye on energy efficiency. An important role played the choice for an exterior wall insulation system. This ensured a warm shell and an appearance that makes students feel good about it.

A traditional shell with cavity and masonry was not an option. It would have meant more material, more weight and more emissions. Harm Wingers, manager at Dura Vermeer Bouw Zuid kept it light with a façade of sand-lime brick adhesive walls and an exterior wall insulation system based on EPS. For the cladding of the façade, Original Melderfer® were chosen as they come with a

60% smaller CO₂ footprint than regular brick slips and offer more design freedom. With Original Melderfer®, the design could check all the boxes: the best choice for the perspective of the building, the environment, and the end user.

The brick exterior was also an ideal choice for the target audience – the children. In a school for children who are dependent on special education, the look needs to remind them as much as possible of home – to make them feel at home and to reduce stress. To suit the needs of the children, a mixture of mineral stone strips in sand color, soft green and anthracite gray were created with Original Melderfer®.



HISTORICAL HERITAGE

Preserving historical value

Most of the buildings in which we will find ourselves living and working over the coming decades were built some time ago. They are valuable structures and in some cases are even protected due to their historical worth. Preserving them and keeping their energy standards aligned with a modern age will be one of the biggest architectural challenges of the future. Original Meldorfer® products offer a vast number of solutions for ensuring that historical façades stay looking great, as they were originally intended.

REFURBISHING

WITH ORIGINAL MELDORFER®



DULSBURG NORD, HAMBURG

More than the obvious sights like Reeperbahn or Jungfernstieg, apartment buildings like Dulsberg Nord have shaped the face of Hamburg since the 1920s. The work of Architects like Fritz Schumacher with its characteristic usage of red clinker are more than just historical landmarks: they are reflections of the unique and timeless hanseatic way of life.

PRESERVING HISTORICAL VALUE WITH ATTENTION TO DETAIL

Original Meldorf® veneers open up a whole host of possibilities for property developers, architects and urban planners specialized in monument conservation. They enable the preservation of entire landscapes without the need to compromise on the original structural features and they can help reshape individual façades in an authentic style.

Even specific looks of historical bricks no longer available can be recreated faithfully with Original Meldorf®. They are also an incredibly versatile choice for preservation projects - whether they involve homes, residential areas, industrial buildings or historical monuments. Original Meldorf® create sophisticated façades designed with every single structural detail in mind and can be used to authentically reproduce exposed brick surfaces without disruptions in the bonding or field demarcation joints. Special corner veneers give the appearance of solid stone at corners and edges, and even curves can be

shaped with consistently excellent results.

With our products, creating attractive brick looks on time-worn structures doesn't have to be a herculean task. That's because Original Meldorf® veneers weigh no more than about 5 kilograms per square meter, resulting in extremely low static loads. Thanks to their light weight and thin thickness, these veneers can be bonded either directly to the wall or directly to the reinforced paneling in the façade insulation system, forming a beautiful yet practical and durable top layer.

And they don't need any other fastenings or dowellings to stay in place either. Original Meldorf® veneers are hardwearing, impact resistant, easy to clean and they are proven to last for decades without maintenance, bringing down lifetime project costs substantially. Especially in historical renovation projects, these are savings that add up.



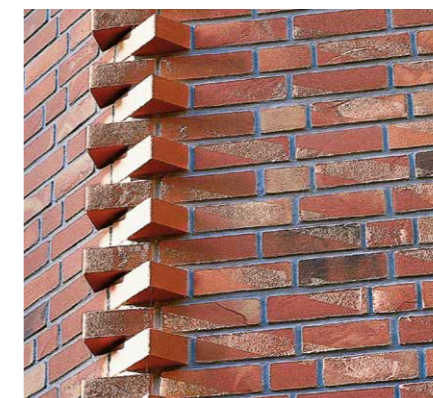
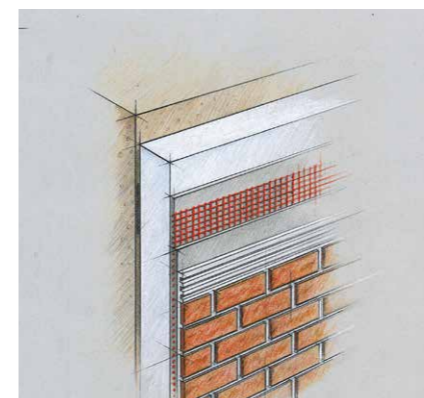
HANSEATIC CHARM

TIMELESS URBAN LIFESTYLE REVISITED



Built in 1919, the apartment complex Dulsberg in a district of Hamburg called Barmbek South might be the birthplace of the typical northern German urban design. Although a plan was signed into law in 1889 that would have allowed for a very dense population in city planning, architect Schumacher as head of Hamburg's building authority designed his own vision of urban living quarters. His unique and epochal solution focused on social acceptability and living quality. He restricted the height of apartment buildings to five stories, decreased building depth to provide aerier and lighter apartments and increased the surrounding park areas.

When renovation was due, it was obvious to choose a solution that would sustain the original look and feel without compromising the protected historical monument status. Original Meldorfer® was chosen to restore the authentic look while enabling modern outside insulation. All in all, a façade area of 26.000 m² in the 100 ha residential estate was successfully restored and modernized.



THE GENIUS IS IN THE DETAILS

FRESH SOLUTIONS FOR TRADITIONAL LOOKS

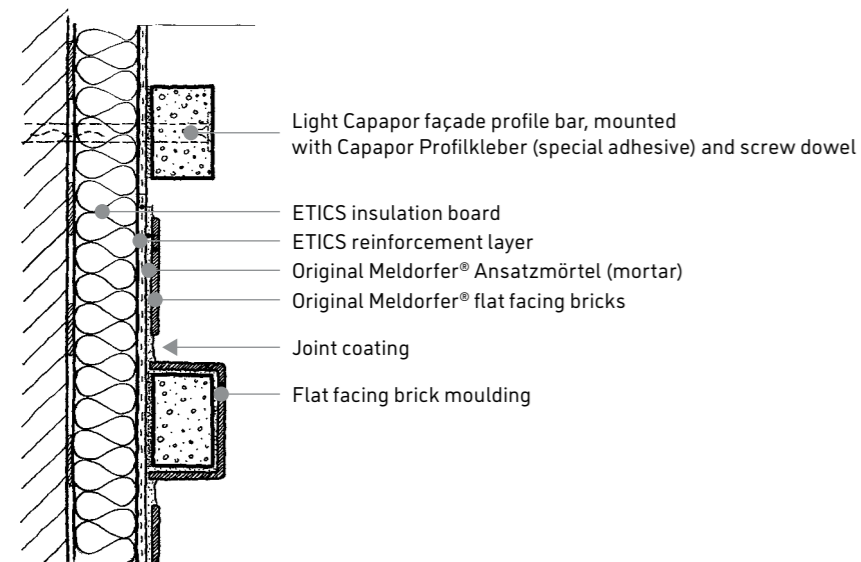
With a façade area of 26.000 m², Dulsberg Nord is the biggest project ever to be realised in Germany using Original Meldorf®. Besides the challenges from its sheer size, it required sophisticated engineering with tailor-made solutions and a high level of motivation from everyone involved. This included the architects and the engineers on site as well as the Meldorf factory team. The challenges were extraordinary on all aspects: to deliver and handle not only

high quantity of products that deviated from standard colour and shape but to do so reliably in time. To adapt the product to the characteristic look of the façade with all its unique details, technicians from Caparol developed solutions that ensured to obtain the original look and feel without compromising the protected historical monument status. These techniques proved to be reliable and are now well established.



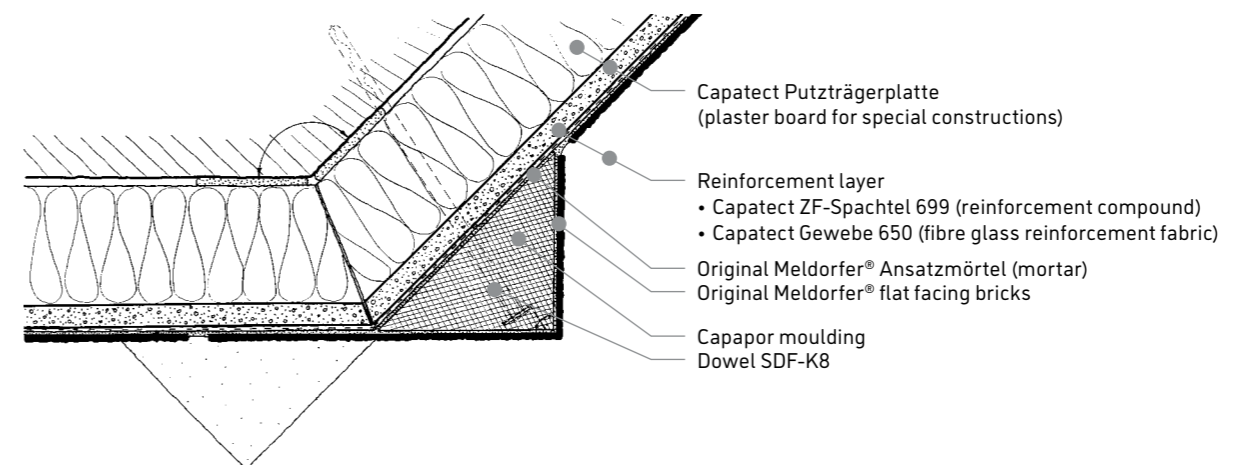
PROTRUDING VENEERS IN THE ENTRANCE AREA

Overhanging bricks in the entrance areas were recreated using ledges made of the lightweight construction material Capapor. They were then attached on top of the ETICS insulation boards and covered with custom made Original Meldorf® flat facing bricks.



CORNER SERRATIONS ON THE STAIRCASES

In order to restore the obtuse-angled corner interlocks to their original shape, triangular mouldings made of Capapor were fixed to the reinforcement layer and covered with Original Meldorf® corner veneers.



Please note: These are historical, technical drawings that worked for this specific project and don't serve as a general blueprint. Each project is different and sometimes requires customised solutions. Caparol's technical experts will make sure that your vision can be realised in an architecturally and technically sound way.

INTERIOR DESIGN

Simply different

Original Meldorfer® is the perfect choice for spaces that communicate safety and security, exude warmth and take on a style that's all their own. Interior designers, exhibition stand designers and shopfitters can all draw inspiration from this extensive variety of exciting products. Their range of colours, shapes and textures delivers everything from cool Nordic atmospheres to warmer Mediterranean-style concepts. Our flat facing bricks provide just as diverse a range of options for interiors as they do in other applications, making them a viable alternative to conventional textile wall coverings and plasters.

TRUE VERSATILITY

FOR ROOMS WITH CHARACTER

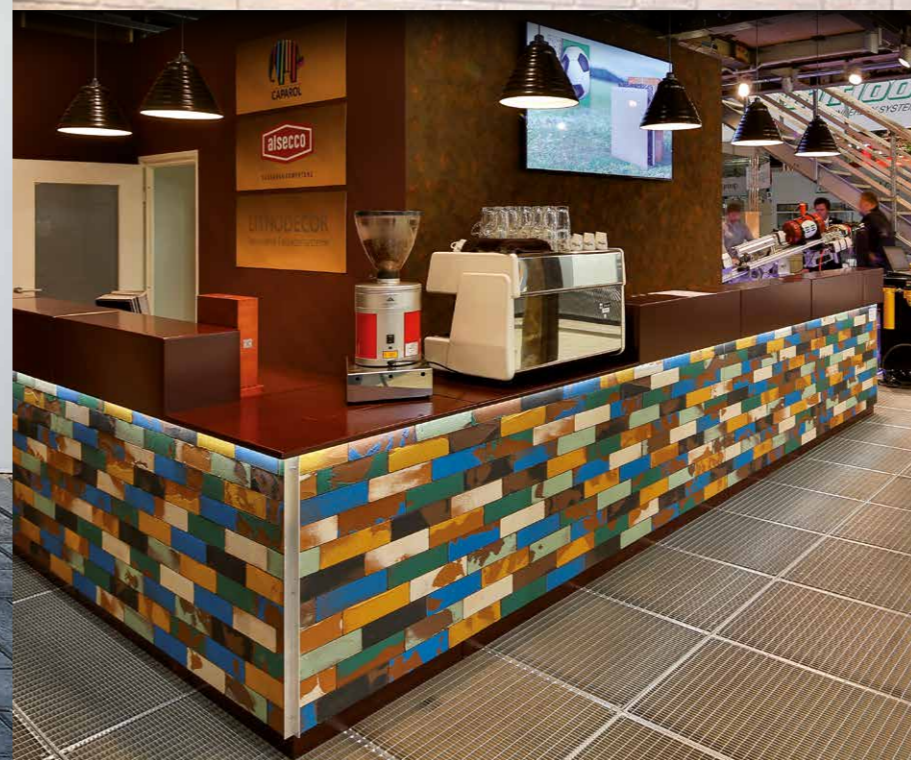
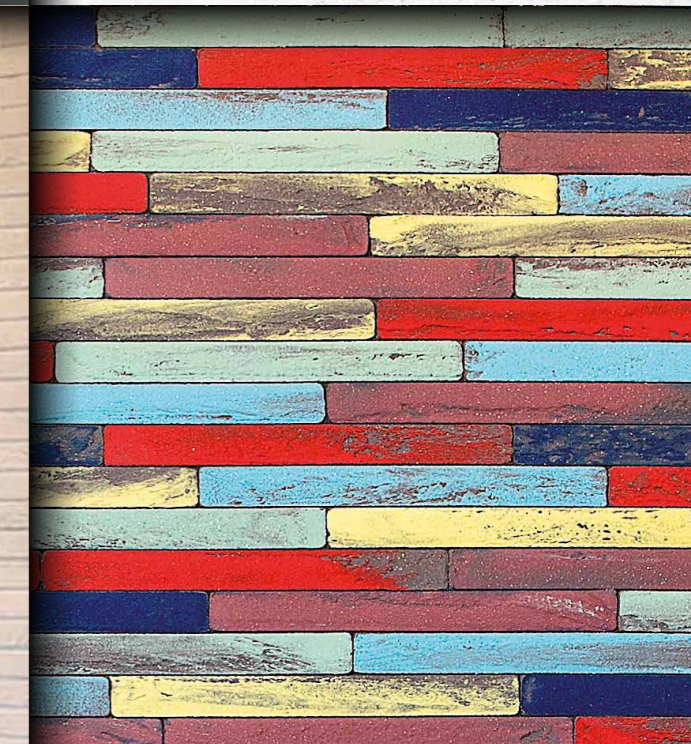
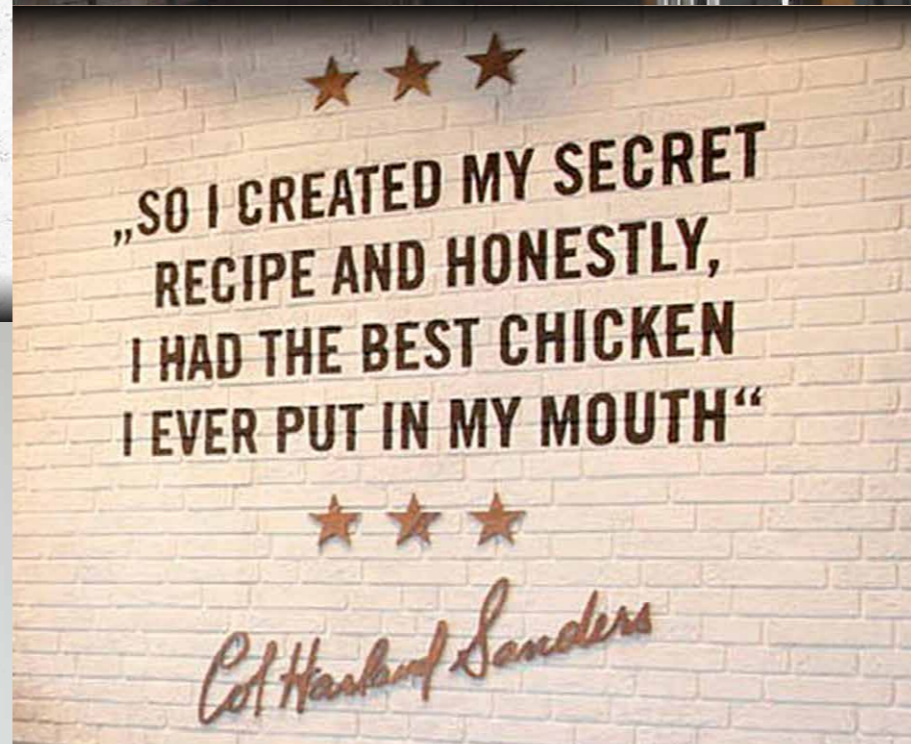
Original Meldorfer® are easy and exceptionally cost-effective to use on virtually any substrate – making them an ideal choice even for challenging interior design projects. Our flat facing bricks are right at home in foyers, reception halls, showrooms and private homes alike, creating spaces with real flair. With their unique look and the exceptionally diverse range of choices they provide, they are a stylish, intriguing alternative to conventional textile wall coverings and plasters. Original Meldorfer® provide a particularly affordable way of creating the rustic exposed brick looks that are a current favourite in interior design trends. At just 5 kilograms per square

metre, the low weight of Original Meldorfer® is another advantage – allowing them to be used with ease even on lightweight walls. With a range of atmospheric colour shades, formats and joint patterns available, the possibilities opened up to interior design concepts are virtually endless. Hard-wearing and easy to clean, the materials require little maintenance and hold up well even as part of interior design concepts. Surfaces in areas of high foot-fall remain unfazed by the strain they are exposed to – so you can rely on them to retain their flawless appearance for years to come.



Wall concepts in restaurants

Flat facing bricks provide a highly cost-effective way to create the solid, rustic look of stone: they are simply bonded to the wall materials with ad-hesive. The products can even be used with ease on lightweight walls – making Original Meldorfer® an ideal choice for bringing all kinds of distinctive interior design visions to life.



Beautiful details

This counter at a DAW SE trade fair booth was created using flat facing bricks. The robust surfaces are ideal for applications that are exposed to sources of significant mechanical strain.

Do you have questions? We are happy to help.

CAPAROL Farben Lacke Bautenschutz GmbH

Roßdörfer Straße 50

64372 Ober-Ramstadt

Phone: 06154 71-71710

Mail: kundenservicecenter@caparol.de

caparol.de

original-meldorfer.com

THE POWER OF SURFACE.



STRIKINGLY STYLISH

CUSTOMISED DESIGNS



LIVING COMPLEX IN DORTMUND, GERMANY

This striking ensemble in Dortmund is clad in stylishly dark Original Meldorf flat facing bricks and matching concrete-gray exposed joints. „Absolutely something other than plaster“ should encase this new building, investor Daniel Lietmeyer had set out to do. “The façade should have an independent look that clearly differs from the familiar appearance of plastered residential buildings and makes the object an impressive appearance in the struc-

tural environment“ Architecture firm Vervoorts & Schindler suggested to use custom made Original Meldorfer® bricks instead of traditional clinker brick slips to create a uniquely striking cement grey façade. The joints on the new building were suitably executed in a special color shade that harmonises perfectly with the slightly sanded but completely ungrained surface of the facing bricks.

