

# shaping places

#05



NATURE10 Brick S and E

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# shaping places

*As a designer, time and again you try to convert your design into a finished project that matches your client's requirements as closely as possible.*

*For this, you seek out reliable, high-quality materials that can enhance your design.  
As a manufacturer, we share the same aim and design our facing bricks so that they can offer you added value.*

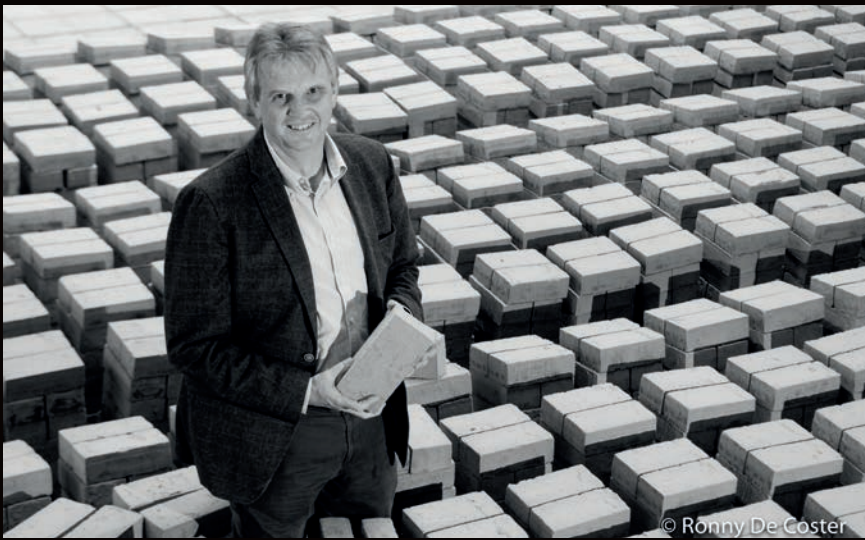
*This magazine shows you some recent projects where the match between designer and the chosen facing brick has resulted in an architectural jewel, of which we are rightly proud.*

*It remains a constant challenge to us to offer you ceramic facing bricks, slips and clay pavers to match your design. We are truly amazed by how you raise architecture to another level with our bricks. This same drive motivates us to continue, with our whole team, day by day and brick by brick, building the strong character that Vande Moortel brings to its products.*

*As you continue to shape unique places, we do the same with the bricks.*



*Peter Vande Moortel*



© Ronny De Coster



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## Hoxton Press Towers in Hackney, London

Karakusevic Carson Architects and David Chipperfield Architects



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Dark coloured facing brick linea 7021 strongly relates to the brand of the legendary Hendrick's Gin // Michael Laird Architects



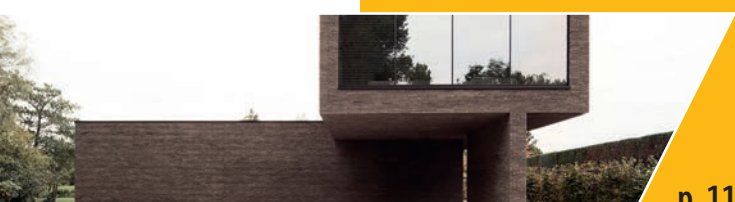
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# Karakusevic Carson Architects and David Chipperfield Architects designed Hoxton Press Towers in London's Hackney

## TWO IMPRESSIVE HEXAGONAL TOWERS IN LONDON WITH FACING BRICKS NATURE10 BRICK E AND BRICK S

Hoxton Press on the Colville Estate, a housing development in Hackney, East London was designed by world famous architects David Chipperfield Architects and Karakusevic Carson Architects.

A new design approach was deemed appropriate for the prominent site facing Shoreditch Park, which was earmarked by Hackney Council for competition. Karakusevic Carson invited David Chipperfield Architects to collaborate on a new concept design and the two practices won the competition in 2012, drawing on their respective expertise.

The collaboration continued through to completion and the result is a testament to both Karakusevic Carson's extensive experience in high quality housing design and David Chipperfield Architects' rigorous and explorative approach to architecture.

## THE TWO TOWERS AND THE BRUTALIST ARCHITECTURE

The style of the two towers can be related to the brutalist architecture from the fifties. Characteristic for this style are the blocky, geometric and repetitive shapes.

The two, hexagonal, brick-faced buildings are 16 and 20 storeys high respectively and contain 198 apartments. Carefully positioned on an irregular plot, they create a landscaped space in between that acts as a gateway between the wider estate and the park.

Handmade bricks of a different colour are used on each tower. A single brick type, Nature10, is used throughout; fired once to create the red Brick E on the eastern tower and fired twice for the dark grey Brick S on the western one. The buildings are rotated in relation to one another to maximise daylight, views, and to minimise overlooking and loss of light to neighbouring new buildings. The result is a dynamic composition that addresses its urban context in all directions.

The division of the two towers is as follows: the two first floors are studios, the other storeys consist of six apartments each and the upper storeys provide three penthouses. Both towers have eye-catching vaulted ceilings on the ground floor. The largest tower (East) contains a large space at ground level that is used as a community café and the smaller tower (West) has an entrance to the underground car park and storage for bicycles for both buildings.





## FACINGS BRICKS: NATURE10 BRICK E AND BRICK S

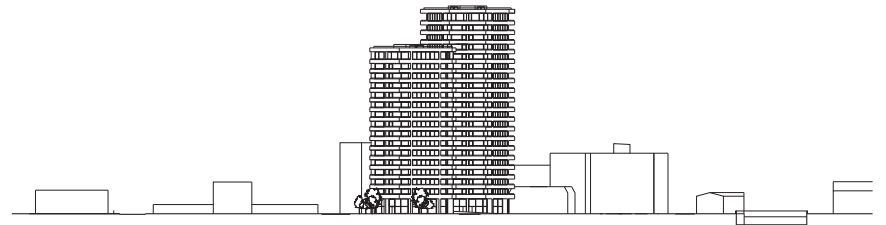
The objective was to give the two towers different identities with the use of brick colours and number of floors. The bricks used were our Hand-Made facing bricks Nature10 Brick E (red brick) and Brick S (dark grey brick). The facing bricks are made from the same clay, but the dark grey brick is fired twice.

Adopting a stacked bond, accentuates the strong architectural character of the two buildings. Furthermore, time was taken to get the right colour of mortar, one that matches the colour of each brick used, offering a sculptural appearance and solidity to the towers. The subtle colour variation offered by our hand-made bricks strengthens this view.

## RECESSED BRICK-LINED BALCONIES PROVIDE SHELTERED OUTDOOR SPACE

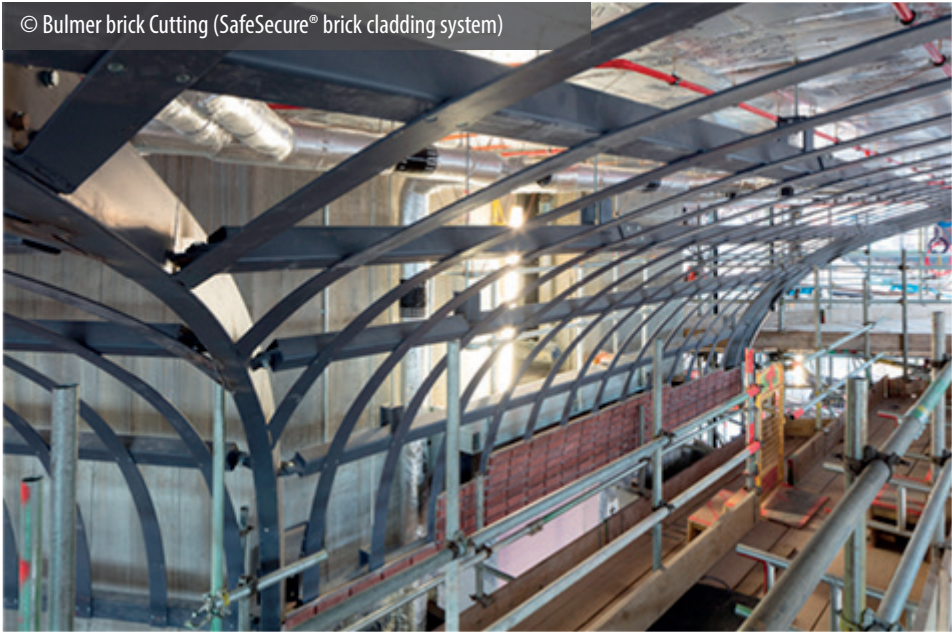
A unique element to the buildings are the stunning balconies. All the balconies are fully wrapped in our bricks; from the soffits to the floor. The structural frame of the towers gives each balcony panoramic views of the city. While the solid brick upstands give enough privacy to the residents and define the sculptural volume of the two towers.

Therefore it was of great importance that the floors of the balconies would maintain a unity with the brickworks of the entire building. In collaboration with the architects, Brickworks Vande Moortel produced a Brick Paver with a reduced water absorption. As a result the balcony floors contain the right technical properties as well as the expected look and feel.



**Client:** The London Borough of Hackney - Anthology  
**Architect:** Karakusevic Carson Architects and David Chipperfield Architects  
**Contractor:** SWIFT BRICKWORK CONTRACTORS LIMITED  
**Facing bricks:** Nature10 Brick E and Nature10 Brick S  
**Processing:** Stacked bond, colour joint  
**Photos:** © Patrick Clarke - © Peter Landers - © Emanuelis Stasaitis  
**Text:** © Karakusevic Carson Architects and David Chipperfield Architects

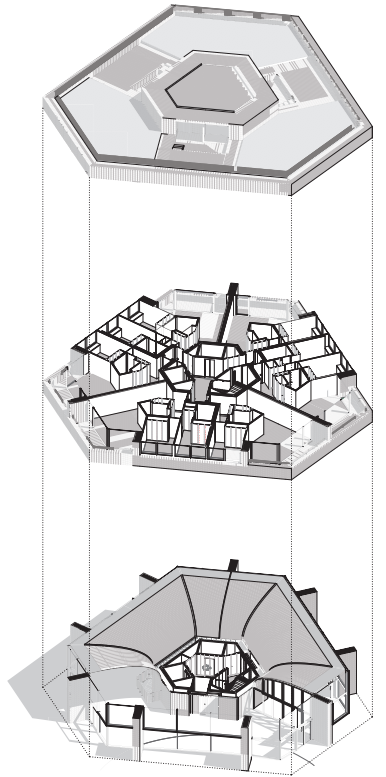




**BRICK SLIPS**

Brick slips of our facing bricks Brick S and Brick E were used in combination with the SafeSecure® brick cladding system of Bulmer brick Cutting. A system that had just been introduced to the market but knew its first large scale use on this project. This system enables the use at height of vertical, horizontal and inverted soffit brick clad panels.

The SafeSecure® brick cladding panels are employed in the hanging balcony soffits, and arched curved internal vaulted ceilings to the ground floor foyers & basement garage entrances. These vaulted soffits bridge the core and the first-floor slabs and allow the exterior brick clad façades of the towers to appear as a continuum of the vaults and the nine supporting brick clad columns at the base of the building.



**MULTI-STOREY DEVELOPMENT OF THE YEAR**

The Premier Guarantee (Home Warranty and Insurance Providers) held in 2018 their annual Excellence Awards to celebrate the highest quality development from the past year. The award for Multi-Storey Development of the Year went to the Anthology Hoxton Press.

# Dark coloured facing brick linea 7021 strongly relates to the brand of the legendary Hendrick's Gin



*The famous Hendrick's Gin Distillery is located on the South-West Coast of Scotland. Michael Laird Architects along with the Design Team were commissioned to design a purpose-built distillery for Hendrick's Gin of William Grant & Sons. William Grant & Sons Ltd. manufactures spirits such as scotch whisky, vodka, gin, rum...*

*The main function of the building was to serve as the new iconic home for their eccentric Hendrick's Gin.*

## THE DESIGN WITH FACING BRICK LINEA 7021

Architecturally the project is a significant departure from anything the distillers have previously realised and is designed in conjunction with their distinctive brand. The new distillery, which is located on the site of their existing distillery, doubles their previous production capacity and has been designed to allow future expansion.

The distillery consists out of four key elements:

- a Victorian inspired brick walled garden enclosing three distinctive Glasshouses;
- a central accommodation spine housing a bar, a lab space and a lecture theatre;
- three individual still houses;
- external service yard with support facilities for the distillation process.

The Hendrick's brand team created a detailed brief fitting of the wonderfully elaborate world which they have created around their Gin.

As a design team Michael Laird Architects was tasked with bringing their aspirations to life and the

outcome is the Gin Palace which you see today.

Working within such a quirky brief created many opportunities and significant challenges. The design team had to create a very functional process driven building which allowed the Client to efficiently produce their spirit.

All whilst developing a building which adhered to the brand aesthetic and created a series of interesting spaces which architecturally responded to the brand. This was done in collaboration with Scarinish Studio who were the Brand designers.

## FACING BRICK LINEA 7021

It took some time before the design team found the matching brick, but as soon as they discovered the solid, dark coloured Vande Moortel brick linea 7021, there was no doubt. As the project was heavily inspired by the Victorian era where brickwork was widely used to significant effect, they wanted to use the brickwork to relate the building to the Victorian era but in a contemporary way. The non-standard profile of the facing brick linea 7021 really helped to achieve this. The black brick also strongly relates to the brand colours.

The bricks were applied in a stretcher bond. The recessed joint accentuates the contours of the bricks, but at the same time the dark mortar colour softens the whole of the brickwork. The appearing texture which creates a very strong expression in the details contributes to the Victorian atmosphere.

Also a black fungus which grows in ethanol rich atmospheres like distillery's, which means that most structures within the distillery grounds are covered in a black coating after a few years.

A black brick will reduce the impact of this as a result.





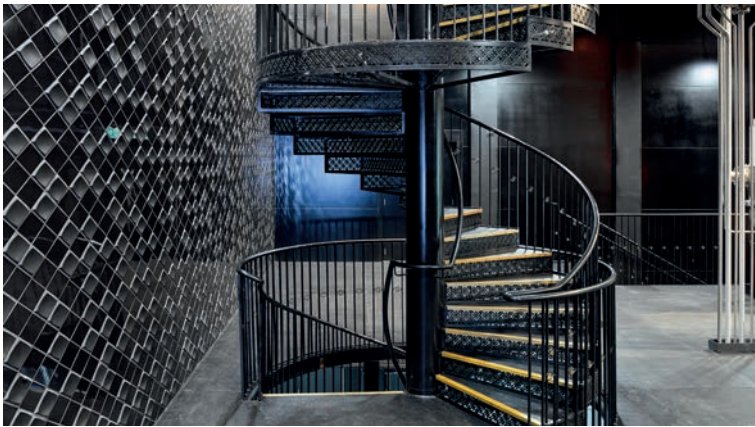
“The recessed joint accentuates the contours of the bricks, but at the same time the dark mortar colour softens the whole of the brickwork.”

COMBINATION OF BRICKS AND OTHER MATERIALS

The material palette for the project was quite simple; glass, steel and brick with the predominant colour being black. This strongly relates to the Brand as mentioned before allowing the bright copper stills within the central still house to become the internal focal point. Externally the brick contrasts with the lush green plants housed within the glasshouses and allows them take centre stage within the building.

ARCHITECTURAL EXCELLENCE AWARD (COMMERCIAL)

Michael Laird Architects has won the “Scottish Property Awards 2019” in the category “Architectural Excellence Award (Commercial)” for Hendrick’s Gin Palace. SPA or Scottish Property Awards is an independent awards programme that recognizes projects in commercial and public property development in Scotland.



**Client:** William Grant & Sons  
**Architect:** Michael Laird Architects / Scarinish Studio (Brand Interiors)  
**Contractor:** MCL&H  
**Facing bricks:** linea 7021  
**Processing:** stretcher bond, recessed joint with a mortar colour similar to the brick  
**Photos:** © David Cadzow





# How the fresh-looking Wasserstrich ‘linea 7036’ facing brick fits perfectly within a design

Residentie Orion is located in an extremely desirable and very visible spot at an intersection on a main access road leading into the city of Dendermonde. It’s within walking distance of the Big Market Square and has a spacious south-facing garden looking out onto the ‘Oude Dender’ river.

The developer and the architect wanted to realise a project that besides its functionality, could also provide absolute added value for the city in terms of architecture and perception, both for residents and people passing by. The vision was to put quality first in terms of both the use of materials, the plan of approach and the architecture.

## BRILLIANT ARCHITECTURAL INSIGHTS

In terms of typology, the building itself consists of 3 main sections: head, body and foot. From the front, the foot – or the ground floor – with two practice rooms and the accesses to the residential units above, has a business-like appearance. This is visually emphasised in the materials chosen: predominantly glass and aluminium folded plate.

The body – or the first two floors – suggest a floating volume. The choice of brick as the predominant material here also strengthens the volume effect which continues even more strongly in the architecture at the side and at the back. The openings in the façade are generous and extend from floor to ceiling in each case. The space between, and sometimes in front of the windows, provides the necessary privacy in the form of anodised aluminium folded plate. At the back, the ground floor reaches deeper into the garden on account of its function.

However because the building needed to be more uniform when viewed from the garden and the practice rooms needed to be less legible, the brick was extended here. This created space to start working with the terraces above as hollowed-out sculptures and as suspended volumes in brick. This gives the desired shading effect to the south-facing maximised open-plan living areas but also creates the necessary uniformity across the rear façade at the same time.

The head or roof level which is set back was again realised solely in glass or in aluminium folded plate in order to make the whole volume look lighter and to make the penthouse feel more secure.

## THE PURE CHARACTER OF THE WASSERSTRICH BRICK LINEA 7036

“Because of the scale of the building, we decided to go for a pale or light-coloured facing brick with a fresh look. We went for a Wasserstrich which demonstrates its pure character best when glued in random bond. Also, a brick is extremely durable and timeless, which can only benefit users and their environment over the years. The thin and long shape of linea 7036 accentuates the building’s strong architectural lines and was used to visibly underline the horizontal ‘brick beams’ between each floor.





“Its green-beige colour also blends in perfectly with the green countryside at the back, which was an important consideration. The special colour is also extremely beautiful and soft and combines well with the sleek and neutral look of the anthracite joinery”, says Rombout Senepart.

The architect also looked for a special interpretation in order to give the whole a luxurious appearance, without there being too much of a contrast with the actual colour of the brick. Consequently, the champagne-coloured profiles in anodised aluminium emerged as the ideal match with the green-grey Hand-Made linea 7036.

#### UNIFORMITY THANKS TO BRICK SLIPS

Rombout Senepart: “For us, it was extremely important for all the cantilevers to be developed visually in the same brick in order to maintain uniformity in the building. The sculpture or the volume effect of the architecture is optimally enhanced as a result. Given the number of strong protruding volumes, this was made technically possible by cutting the bricks into brick slips to ease the load. This created an extremely expressive whole and an excellent reference for all parties involved.”

**Client:** Springvis

**Architect:** Reid Senepart architecten

**Contractor:** Hero Construct

**Facing bricks:** linea 7036

**Processing:** glued, random bond

**Photos:** © Bart Gosselin



# linea7



## Vertical brick slats in linea7 8012 as an eye-catching feature

This modern villa is situated in a residential district from the 1960s. The original house was demolished in order to build a villa which complied with all the current energy standards. The result: an NZE house which focuses on the aesthetic details. Over the years, the district has become part of the urban fringes of Harelbeke and the house is fully integrated in its environment.

The orientation was an obstacle that Dehullu Architecten would have to overcome because south was on the side facing the street. The garage and storeroom were positioned at the front with the living areas at the back. A cosy patio was designed between these living areas and the storeroom. The

design connected the living area – which is glazed along the 2 longest façades – to both the garden and the south-facing courtyard garden, dramatically increasing the amount of natural light flooding in. The positioning of the storeroom and garage also ensures sufficient privacy on the street side and this well thought-out solution brings absolute added value to the experience of the occupants.

It did not take long to single out the narrow facing brick linea7 8012 for strengthening the architectural added value, by accentuating the horizontal character of the design. Using thin bed mortar was an obvious choice which is easy to apply with

this facing brick. The windows on the front and side façades are partly covered with ‘vertical brick slats’, making them an integral part of the concept. The vertical architectural lines are also repeated in the wooden slats of the garage door and create a harmonious visual expression.

**Architect:** Dehullu Architecten  
**Contractor:** Joost Spiessens  
**Facing bricks:** linea7 8012  
**Processing:** thin bed, random bond  
**Photos:** © Klaas Verdru

# Slim facing brick linea7 7022 in harmony with nature

# linea7



This elegant villa is situated in the green suburbs of Ghent, along the right bank of the river 'Leie'. The task was to design a house which provided the best possible view of the beautiful nature reserve in the south.

An additional challenge was that 80% of the new villa's footprint had to overlap with the footprint of the previous house which stood there, but was incorrectly oriented in respect of its surroundings.

Taking account of these mandatory urban development regulations, the house and the open garden are oriented towards the south as much as possible. That is why it was decided to include large windows which provide the best possible experience and view of the surroundings. In order to guarantee sufficient privacy in the garden, the architect designed the north façade facing the street so that it developed into a long garden wall. This suggests a boundary and gives the garden the desired intimacy.

The elegant asymmetrical architecture and varying volumes of the villa make it a striking building. The floating upper storey is supported by the garden wall and an asymmetrical cross wall. As a result, the architecture creates a carport on the left-hand side of the cross wall while on the right-hand side, visitors are protected from the elements as they approach the front door. Balancing the volume on the garden wall brings it into closer contact with the forest across the street.

In order to enhance the strength of that volume, brick slips were glued to the bottom side. Doing so the cantilevered monolith appears to balance on the garden wall.

Charlotte Willaert of architectural firm Ai&M chose the brown-grey facing brick linea7 7022 for this project: "One of

the reasons why we chose this facing brick was its shape: it is beautifully proportioned, being long and narrow but not predominant. Another was its warm brown colour which blends perfectly with the surroundings. As a result, the presence of the villa is not imposing so that attention is directed towards the landscape.

The materials used were chosen to harmonise with the green surroundings. The combination of the long facing brick linea7 7022 and the vertical wooden cladding forms a beautiful whole with the site. The result radiates serenity, enabling the occupants to enjoy the home's natural environment to the full.

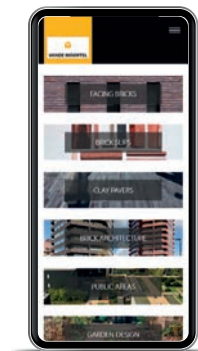
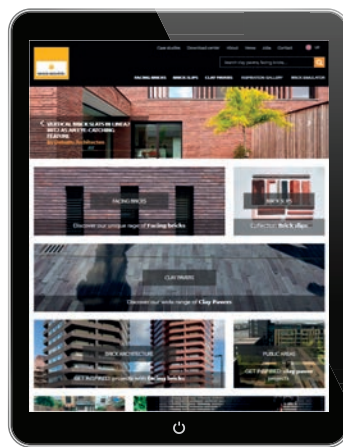
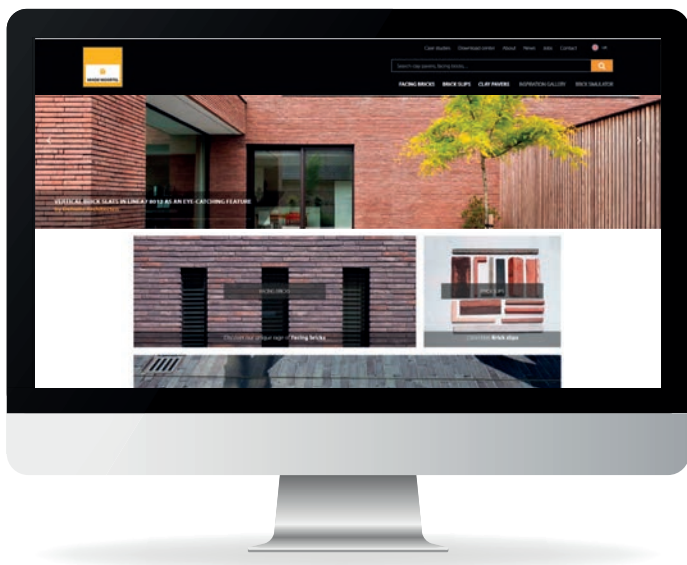


**Architect:** Charlotte Willaert, Ai&M bvba

**Facing bricks:** linea7 7022

**Processing:** thin bed, random bond

**Photos:** © Ellen Claes



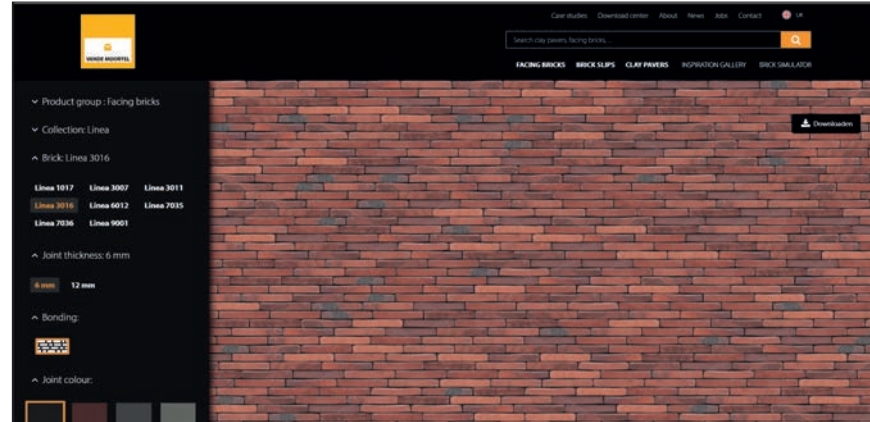
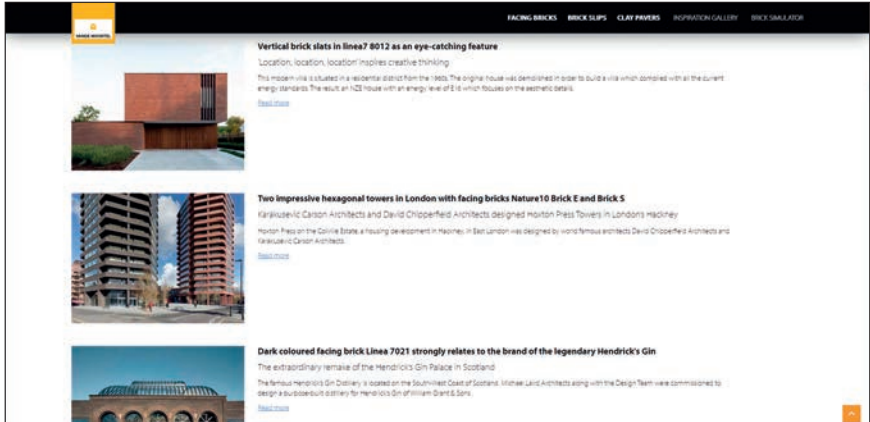
**VANDEMOORTELE-BRICKSANDPAVERS.COM** Our website has undergone a complete make-over. We have taken care to choose the best solutions in order to optimise its functionality, aesthetics and ease of use. The mobile version has also been developed to enable users to navigate the site easily via their smartphone or tablet.

## CASE STUDIES

The aim of these reports is to provide inspiration. We frequently post thought-provoking reports focusing on both design, aesthetics, quality and creativity online under the heading ‘Shaping Places’.

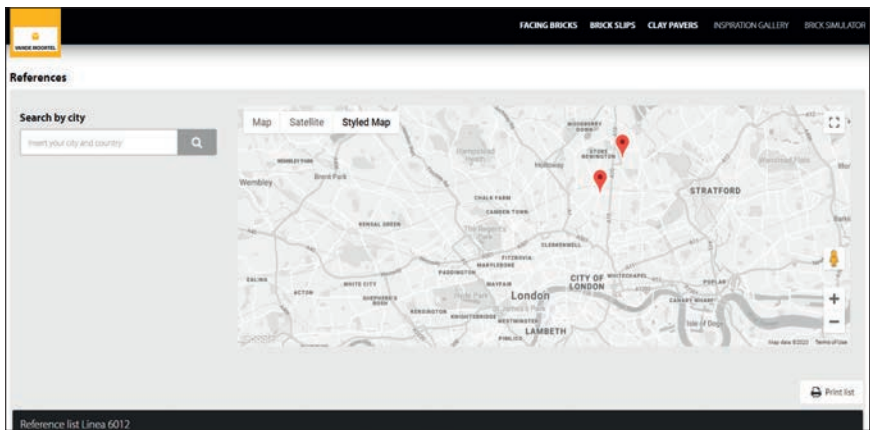
## BRICK SIMULATOR

Download textures of your chosen facing brick in high quality for inclusion in your 3D project design. Options such as the bond, joint thickness and joint colour also make it much easier for you to make a decision as our aim is to visualise the proposed look of your facade as accurately as possible.



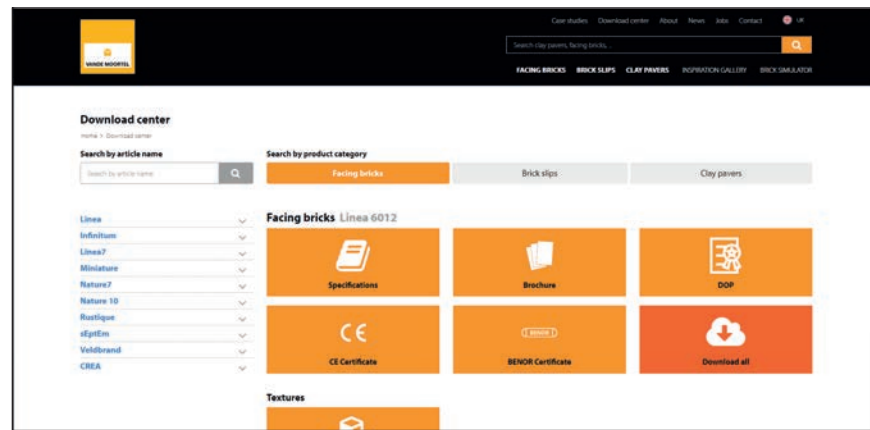
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**BRICKWORKS VANDE MOORTELE | Scheldekant 5 | BE-9700 OUDENAARDE**  
T +32 (0)55 33 55 88 | F +32 (0)55 33 55 70 | [info@vandemoortel-bricksandpavers.com](mailto:info@vandemoortel-bricksandpavers.com) | [www.vandemoortel-bricksandpavers.com](http://www.vandemoortel-bricksandpavers.com)



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