OPTIMA

Perfect dimensions for a host of ideas
MORE THAN SIZE - GENEROUS PROPORTIONS

Pure ceramics, generously dimensioned – OPTIMA brings an appealing lightweight look to home living.

And the clever bit ... In formats of 60 x 120 cm, 120 x 120 cm and 120 x 260 cm, each of the tiles in this versatile collection is just 6 mm thick.

This is how these light megaformats put the focus on homely minimalism. With just a few joints, showers, bathrooms and living spaces can all be seamlessly designed in ceramic.

This not only enhances the appearance of a space but also adds to ease of care particularly as the tiles feature VilbostonePlus, the cleaning-friendly finish.

redot design award
winner 2018

Their aesthetic versatility and their high-quality character are reasons why the OPTIMA collection has been presented with the ‘red dot award: product design 2018’.
ELEGANT DESIGN:
At 260 cm, perfectly tailored to standard heights.

LOWER WEIGHT:
Thanks to the 6-mm thickness, comparatively low weight for simplified handling.

HANDLING:
Low weight facilitates transport and installation.

SUITABLE FOR USE IN RENOVATIONS:
Low overall height – making it also well-suited for attaching over older coverings.

DESIGN VARIETY:
Different designs in concrete and natural stone looks.

CREATIVE FREEDOM:
For designs on walls and floors, in private and public areas alike.

EASY-CARE PROPERTIES:
Very low number of joints and easy-care VilbostonePlus finish.

THERMAL CONDUCTIVITY:
The thin ceramic tiles are the ideal covering for use with underfloor heating.
Floor tiles: NOCTURNE OPTIMA black
NOCTURNE OPTIMA reinterprets the timeless elegance of a variety of authentic marble looks. With its noble aesthetics, the range brings understated glamour and the charm of timeless beauty to classically elegant and lastingly modern furnishing concepts – whether throughout a private indoor setting, in high-end hotels and shops or in discerning office buildings.

The glamour of classic modernity:
NOCTURNE OPTIMA
Wall tiles: NOCTURNE OPTIMA white · Floor tiles: METALYN OPTIMA steel
Wall tiles: NOCTURNE OPTIMA white, black · Floor tiles: NOCTURNE OPTIMA white
Wall tiles: NOCTURNE OPTIMA black - Floor tiles: NOCTURNE OPTIMA white
Wall tiles: METALYN OPTIMA pearl · Floor tiles: METALYN OPTIMA bronze
A stylish lustre in the home: METALYN OPTIMA

The METALYN OPTIMA range interprets a symbiosis of urban concrete and machined metal in an expressive ceramic design. In six coordinated colours, which can be used on their own or combined to create harmonious colour schemes, the large-format tiles conjure up sleek interiors that exude a beguiling clarity.

In the XXL formats the anodised-look finish creates refined surfaces with a gentle metallic shimmer that provide the perfect backdrop for individual interiors. As a special highlight of the range, the imposing 120 x 260 cm tiles feature additional metallic lustre effects for added depth and expression.
Wall tiles: METALYN OPTIMA iron, steel, oxide · Floor tiles: METALYN OPTIMA steel
Wall and floor tiles: URBAN JUNGLE OPTIMA dark grey
Concrete and terrazzo looks are perfect for modern living spaces. The URBAN JUNGLE OPTIMA tile range combines the two trend finishes to create a new type of ceramic design: the calm radiance of concrete is enlivened in a natural way by inclusions in a terrazzo look that lend these matt porcelain tiles a decidedly authentic depth.

The result is fascinating. The impressive mega-formats come across as minimalist and clear and at the same time wonderfully gentle as they nonchalantly contribute a relaxed, feel-good atmosphere to every room. With four harmonious colours, you can create a cool or warm setting – depending on your taste and personal style.

Relaxed minimalism that will make you feel good:
URBAN JUNGLE OPTIMA
Wall and floor tiles: URBAN JUNGLE OPTIMA grey
Décor: URBAN JUNGLE wild jungle grey, 40 x 120 cm, Tile thickness: 11 mm
Wall tiles: HUDSON OPTIMA white sand · Floor tiles: HUDSON OPTIMA clay
Living comfort combined with minimalist elegance – HUDSON OPTIMA made of VilboStone porcelain stoneware lends rooms an exquisite, natural flair. The very sight of the finishes spontaneously awakens associations with fine-grained sand.

As wall and floor coverings, these mega-formats with their gentle textures create an architectural effect of spaciousness that skilfully accents the interior and gives it a stylish look.

This gives the select natural design a home in classical, rustic and minimalist settings alike.

Ceramic as warmth and atmosphere: HUDSON OPTIMA
Floor tiles: HUDSON OPTIMA white sand
Wall and floor tiles: SPOTLIGHT OPTIMA white


Ein weiteres Plus des Megaformats: Die geringe Anzahl der Fugen lässt die Interpretation eines Betonbelags noch authentischer erscheinen.
Wall tiles: SPOTLIGHT OPTIMA anthracite · Floor tiles: SPOTLIGHT OPTIMA grey
HUDSON OPTIMA

**white sand**

SD1B

Art. 2962 1) 120 x 260 cm

SD2B

Art. 2962 1) 120 x 260 cm

**sand**

Art. 2961 120 x 120 cm

Art. 2960 60 x 120 cm

Art. 2961 120 x 120 cm

Art. 2960 60 x 120 cm

1) Recommended for wall coverings.

2) Only the long side of the tile is rectified
Art. 2962 ¹
120 x 260 cm

SD7B

Art. 2961
120 x 120 cm

SD7B

Art. 2960
60 x 120 cm

SD7B

¹ Recommended for wall coverings.

Art. 2962 ¹
120 x 260 cm

SD9B

Art. 2961
120 x 120 cm

SD9B

Art. 2960
60 x 120 cm

SD9B
METALYN OPTIMA

silver

Art. 2962 ¹)
120 x 260 cm

Art. 2961
120 x 120 cm

Art. 2960
60 x 120 cm

pearl

Art. 2962 ¹)
120 x 260 cm

Art. 2961
120 x 120 cm

Art. 2960
60 x 120 cm

¹) Recommended for wall coverings.
²) Only the long side of the tile is rectified
bronze

Art. 2962 ¹
120 x 260 cm

Art. 2961
120 x 120 cm

Art. 2960
60 x 120 cm

¹ Recommended for wall coverings.
² Only the long side of the tile is rectified
METALYN OPTIMA

Iron

Art. 2962 1) 120 x 260 cm

Art. 2961 120 x 120 cm

Art. 2960 60 x 120 cm

Steel

Art. 2962 1) 120 x 260 cm

Art. 2961 120 x 120 cm

Art. 2960 60 x 120 cm

1) Recommended for wall coverings.
2) Only the long side of the tile is rectified.
oxide

Art. 2962 ¹)
120 x 260 cm

Art. 2961
120 x 120 cm

Art. 2960
60 x 120 cm

BM69

Notes:
¹) Recommended for wall coverings.
²) Only the long side of the tile is rectified.
NOCTURNE OPTIMA

white

Art. 2962 ¹)
120 x 260 cm

Art. 2961
120 x 120 cm

white gold

Art. 2962 ¹)
120 x 260 cm

Art. 2961
120 x 120 cm

¹) Recommended for wall coverings.
Art. 2962 \(^1\)  
120 x 260 cm

Art. 2961  
120 x 120 cm

\(^1\) Recommended for wall coverings.
Art. 2962 1)  
120 x 260 cm

Art. 2961  
120 x 120 cm

Art. 2960  
60 x 120 cm

1) Recommended for wall coverings.

2) Only the long side of the tile is rectified.
grey

Art. 2962
120 x 260 cm

Art. 2961
120 x 120 cm

Art. 2960
60 x 120 cm

anthracite

Art. 2962
120 x 260 cm

Art. 2961
120 x 120 cm

Art. 2960
60 x 120 cm

1) Recommended for wall coverings.
2) Only the long side of the tile is rectified
light grey

Art. 2962 1) 120 x 260 cm

Art. 2961 120 x 120 cm

Art. 2960 60 x 120 cm

greige

Art. 2962 1) 120 x 260 cm

Art. 2961 120 x 120 cm

Art. 2960 60 x 120 cm

1) Recommended for wall coverings.
2) Only the long side of the tile is rectified
Art. 2962 ¹
120 x 260 cm

Art. 2961
120 x 120 cm

Art. 2960
60 x 120 cm

¹ Recommended for wall coverings.

Art. 2962 ¹
120 x 260 cm

Art. 2961
120 x 120 cm

Art. 2960
60 x 120 cm

¹ Recommended for wall coverings.
² Only the long side of the tile is rectified
# Overview of Products

<table>
<thead>
<tr>
<th>Material</th>
<th>Hudson Optima</th>
<th>Metalyn Optima</th>
<th>Nocturne Optima</th>
<th>Spotlight Optima</th>
<th>Urban Jungle Optima</th>
</tr>
</thead>
<tbody>
<tr>
<td>white sand</td>
<td>Art. 2962 SD1B</td>
<td>Art. 2961 SD1B</td>
<td>Art. 2960 SD1B</td>
<td>Art. 2962 CM0M</td>
<td>Art. 2960 TC10</td>
</tr>
<tr>
<td>sand</td>
<td>Art. 2962 SD2B</td>
<td>Art. 2961 SD2B</td>
<td>Art. 2960 SD2B</td>
<td>Art. 2962 CM1M</td>
<td>Art. 2960 TC10</td>
</tr>
<tr>
<td>clay</td>
<td>Art. 2962 SD7B</td>
<td>Art. 2961 SD7B</td>
<td>Art. 2960 SD7B</td>
<td>Art. 2962 CM1M</td>
<td>Art. 2960 TC10</td>
</tr>
<tr>
<td>volcano</td>
<td>Art. 2962 SD9B</td>
<td>Art. 2961 SD9B</td>
<td>Art. 2960 SD9B</td>
<td>Art. 2962 CM1M</td>
<td>Art. 2960 TC10</td>
</tr>
<tr>
<td>Material</td>
<td>porcelain stoneware</td>
<td>porcelain stoneware</td>
<td>porcelain stoneware</td>
<td>porcelain stoneware</td>
<td>porcelain stoneware</td>
</tr>
<tr>
<td>Actual size</td>
<td>1197 x 2600 x 6 mm</td>
<td>1197 x 1197 x 6 mm</td>
<td>597 x 1197 x 6 mm</td>
<td>1197 x 2600 x 6 mm</td>
<td>1197 x 1197 x 6 mm</td>
</tr>
</tbody>
</table>

- **Silver**: Art. 2962 BM09, Art. 2961 BM09, Art. 2960 BM09
- **Pearl**: Art. 2962 BM19, Art. 2961 BM10, Art. 2960 BM10
- **Bronze**: Art. 2962 BM39, Art. 2961 BM70, Art. 2960 BM70
- **Iron**: Art. 2962 BM49, Art. 2961 BM40, Art. 2960 BM40
- **Steel**: Art. 2962 BM69, Art. 2961 BM61, Art. 2960 BM61
- **Oxide**: Art. 2962 BM69, Art. 2961 BM61, Art. 2960 BM61

- **Material**: Glazed porcelain stoneware
- **Actual size**: 1197 x 2598 x 6 mm, 1198 x 1198 x 6 mm

- **White**: Art. 2962 ZN1P, Art. 2961 ZN1P
- **White Gold**: Art. 2962 ZN2P, Art. 2961 ZN2P
- **Black**: Art. 2962 ZN9P, Art. 2961 ZN9P

- **Material**: Glazed porcelain stoneware, Glazed porcelain stoneware
- **Actual size**: 1198 x 2598 x 6 mm, 1198 x 1198 x 6 mm

- **White**: Art. 2962 CM0M, Art. 2961 CM0M, Art. 2960 CM0M
- **Greige**: Art. 2962 CM1M, Art. 2961 CM1M, Art. 2960 CM1M
- **Grey**: Art. 2962 CM2M, Art. 2961 CM2M, Art. 2960 CM2M
- **Anthracite**: Art. 2962 CM3M, Art. 2961 CM3M, Art. 2960 CM3M

- **Material**: porcelain stoneware
- **Actual size**: 1197 x 2600 x 6 mm, 1197 x 1197 x 6 mm

- **Light Grey**: Art. 2962 TC10, Art. 2961 TC10, Art. 2960 TC10
- **Greige**: Art. 2962 TC10, Art. 2961 TC10, Art. 2960 TC10
- **Grey**: Art. 2962 TC50, Art. 2961 TC50, Art. 2960 TC50
- **Dark Grey**: Art. 2962 TC90, Art. 2961 TC90, Art. 2960 TC90

- **Material**: porcelain stoneware
- **Actual size**: 1197 x 2600 x 6 mm, 1197 x 1197 x 6 mm

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* = only the long side of the tile is rectified

- **Rectified**: Fliesen, die auf der Langseite gerichtet sind
- **Tile thickness 6 mm**: Fliesen mit einer Dicke von 6 mm
- **Wear-resistance group DIN EN ISO 10545-7**: Gruppe der Tragefestigkeit nach DIN EN ISO 10545-7
- **Anti-slip in workshop areas**: Rutschhemmende Fliesen für Arbeitsbereiche
- **Shade variation**: Farbschichten der Fliesen
The packaging and transport of the OPTIMA collection in the format 120 x 260 cm is covered by a deposit system, the costs of which are borne by the customer. The customer has the option to return the boxes in order for the deposit to be refunded. The return must be announced to the sales team at V & B Fliesen GmbH in advance. The customer shall bear any loading and freight charges incurred as a result of the return. Authorized personnel at V & B Fliesen GmbH will inspect the condition of the returned boxes and will accept them only if they are intact and undamaged.
The OPTIMA tiles are made of VilboStone porcelain stoneware and are assigned to the DIN EN 14411 group Bla.

**SUBSTRATE**

- The substrate must be free of oil, grease, dust, residues of cement, resin, paint and other separating agents that could affect the bonding between tiles and adhesive.
- Cracks in the screed must be sealed professionally using casting resin.
- The readiness for covering of a cement screed is reached if residual moisture is ≤ 2.0 CM-%.
- The readiness for covering of a calcium sulphate screed is reached if the residual moisture in the case of unheated constructions is ≤ 0.5 CM-%, and in the case of heated constructions ≤ 0.3 CM-%.
- Substrates that have been produced according to DIN 18202, ‘Tolerances in Building Construction – Buildings - Table 3, Flatness Tolerances, lines, 3,4,6,7’, generally call for an additional compensation layer, e.g. a self-levelling filler compound, to compensate for the unevenness.
- A primer may be required, e.g. in the case of a calcium sulphate screed.

**INSTALLATION**

- When laying large formats, a highly-flexible, fast-setting tile adhesive in accordance with DIN EN 12004 class C2 FT S1 or C2 FT S2 tile adhesive is recommended.
- The tiles are laid using the ‘buttering-floating method’. The adhesive supports on the laying surface and on the backs of the tiles must be placed evenly and parallel to one another.
- We advise using a notched trowel with a notch depth that is 1 step greater than the notched trowel for the rear side of the tile.
- To prevent cavities, tap the tiles over their surface, moving from centre to edge.

**DRILLING**

- Specialist retailers generally offer hollow drills with diamond bits and high-performance drill bits 6-112 mm in diameter for use in drilling porcelain stoneware.
- When using the tools, the respective manufacturer’s instructions and guidelines are to be observed.
PROCESSING AND TRANSPORT

CUTTING

- The cutting tool should be fitted with a diamond cutting disc.
- Apply slight, constant and uniform pressure to cut the tile.

CUT-OUTS

- To cut out a rectangular tile element (e.g. for a toilet flush plate), drill holes should first be placed at the 4 corners. This helps relieve tension within the tile to keep it from cracking once the tile part has been cut out.

TRANSPORT

- The 120 x 260 cm tiles are delivered in transport crates.
- A forklift at least 120 cm long is required to transport the crates and pallets, as the arms of the forklift can only be inserted along the long side.
- To keep tiles in formats of 120 x 260 cm and 120 x 120 cm free from damage during transport, we recommend the use of special transport aids. These might consist of an aluminium frame with suction cups, for example.
**CLEANING AND CARE**

**General**

On account of their properties, tiles are considered to be easy to clean. The cleaning methods and cleaning agents must, however, be adapted to the type of floor and local conditions.

It should be noted that hydrofluoric acid and related substances are able to attack or destroy the surface of porcelain stoneware tiles.

Consequently, no cleaning agents containing hydrofluoric acid are to be used!

**VilbostonePlus**

During the manufacturing process for coloured porcelain stoneware, the unglazed ceramic is provided with the VilbostonePlus finish, markedly reducing the tiles’ susceptibility to staining and soiling. The porcelain stoneware produced with VilbostonePlus ensures high resistance to mechanical strain, chemicals, wear and abrasion and is particularly easy-care.

**Cleaning**

<table>
<thead>
<tr>
<th>Final cleaning after tiling / Basic cleaning</th>
<th>Product and dosage</th>
<th>Cleaning equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loose dirt</td>
<td>.</td>
<td>Broom and vacuum cleaner</td>
</tr>
<tr>
<td>Cement film, mineral soiling, such as limescale deposits, soap residue</td>
<td>Acidic cleaner (available from specialist retailers)</td>
<td>Sponge, scrubbing brush, brush, cloth, microfibre cloth</td>
</tr>
<tr>
<td>Grease, oils, waxes, cosmetics, shoe marks</td>
<td>Alkaline cleaner (available from specialist retailers)</td>
<td>Sponge, scrubbing brush, brush, cloth, microfibre cloth</td>
</tr>
<tr>
<td>Routine cleaning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Normal dirt, such as dust, light dirt, street dirt</td>
<td>Neutral cleaning agents (available from specialist retailers)</td>
<td>Broom and vacuum cleaner, Sponge, scrubbing brush, brush, cloth, microfibre cloth</td>
</tr>
</tbody>
</table>

Please note: All of the information we provide about cleaning, care and removing stains from ceramic tiles is based on the latest knowledge and material research. It is, however, of a general nature and cannot cover every single eventuality. Therefore, please observe the instructions provided by the cleaning agent manufacturer.
SUSTAINABLE BUILDING

Acting in harmony with Nature is a clear priority for V&B Fliesen GmbH. Our daily business is based on extremely high standards where quality, efficiency and environmental friendliness are concerned. And we can only preserve what we love for future generations by treating our environment with respect. That’s why we think it’s important to be on the cutting edge. Not just with regard to tile technology, but above all in terms of environmental protection!

EMAS validation
One aspect of this is that we have voluntarily become the first tile manufacturer in Germany to comply with the stringent requirements of the EU EMAS Directive. V&B Fliesen GmbH was validated for another three years by an external environmental expert again in 2019, for the third time in a row. In accordance with the directive we aim to improve our environmental performance all the time by constantly implementing new measures to help us use energy and resources more efficiently. Our employees also fulfil these requirements in an exemplary manner, in full compliance with the process and its auditing.

Ecological, environmentally friendly production
Our tiles have been awarded the Environmental Product Declaration (EPD) label by the IBU (Institut für Bauen und Umwelt e.V.). The Environmental Product Declaration provides relevant, verifiable and comparable information on the environmental impact of products. This certification allows architects and planners to utilise our products in all properties that have been certified as satisfying the BREEAM, LEED, DGNB or other comparable international requirements for sustainable building.
Shades and dimensions subject to the usual tolerances. We reserve the right to make technical modifications to the range and alter colours.