

 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 *vilbostone* plus, the cleaning-friendly surface seal.



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 vilbostone**plus** surface seal.

**THERMAL CONDUCTIVITY:**

The thin ceramic tiles are the ideal covering for use with underfloor heating.



6 mm





Ceramic as warmth and atmosphere: HUDSON OPTIMA

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.



Floor tiles: HUDSON OPTIMA white sand









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.





ROGER SHUB
Globe, 1990





Minimalistic and harmonious home interiors: SPOTLIGHT OPTIMA

Concrete-like finishes lend bathrooms and living spaces a modern character. With the SPOTLIGHT OPTIMA tile range, this design presents itself from a harmoniously natural side.

The tiles from *vilbostone* porcelain stoneware in four authentic colours allow for warmer and cooler home interiors. Depending on the combination – whether with natural materials, on the one hand, or with stainless steel elements on the other – both colour themes create a distinctive style of living.

Another asset for the megaformat: The small number of joints makes interpretations of concrete coverings look even more authentic.



Floor tiles: SPOTLIGHT OPTIMA grey













The wealth of colours and shapes: TUCSON OPTIMA

Its authentically natural expressive power makes TUCSON OPTIMA a wall and floor covering that gives off a great deal of warmth.

The large-format tiles made of *villbostone* porcelain stoneware present themselves in intense hues and textures, with much of the fascination found in nature.

The result is an interior that gives bathrooms, living and business spaces a rustic charm while at the same time interpreting them in generous ways.











Relaxed minimalism that will make you feel good: URBAN JUNGLE OPTIMA

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.









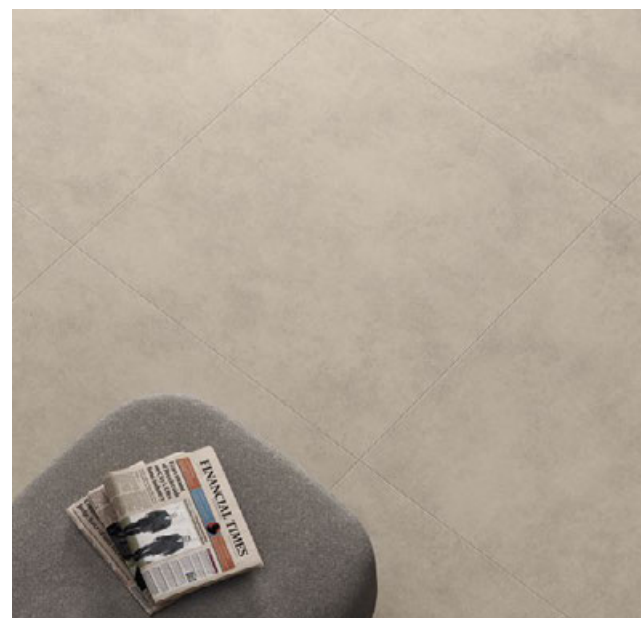


Spaciousness with that something extra: X-PLANE OPTIMA

Optimally tailored to the needs of living and business spaces alike, the X-PLANE OPTIMA range in *vilbostone* porcelain stoneware is versatile in use.

This discerning tile concept features a surface finish reminiscent of cement – long held in high regard as a design for walls and floors – together with subtle, glossy accents.

These aesthetically high-quality characteristics of design come to fruition even better in the megaformat, opening up a new dimension for architectural designs.







sand



 2



SD2B



volcano



 2



SD9B



This image shows a blank, aged, light brown page, likely an endpaper or flyleaf of a book. The paper has a textured appearance with visible creases, discoloration, and faint smudges, suggesting it is old and has been handled. There is no text or other markings on the page.

 3



4 90° 2) 6 R9



90° 6 R9



R9

oxide



BM69



Art. 2962 ¹⁾
120 x 260 cm



BM69



Art. 2961
120 x 120 cm



BM61



Art. 2960
60 x 120 cm



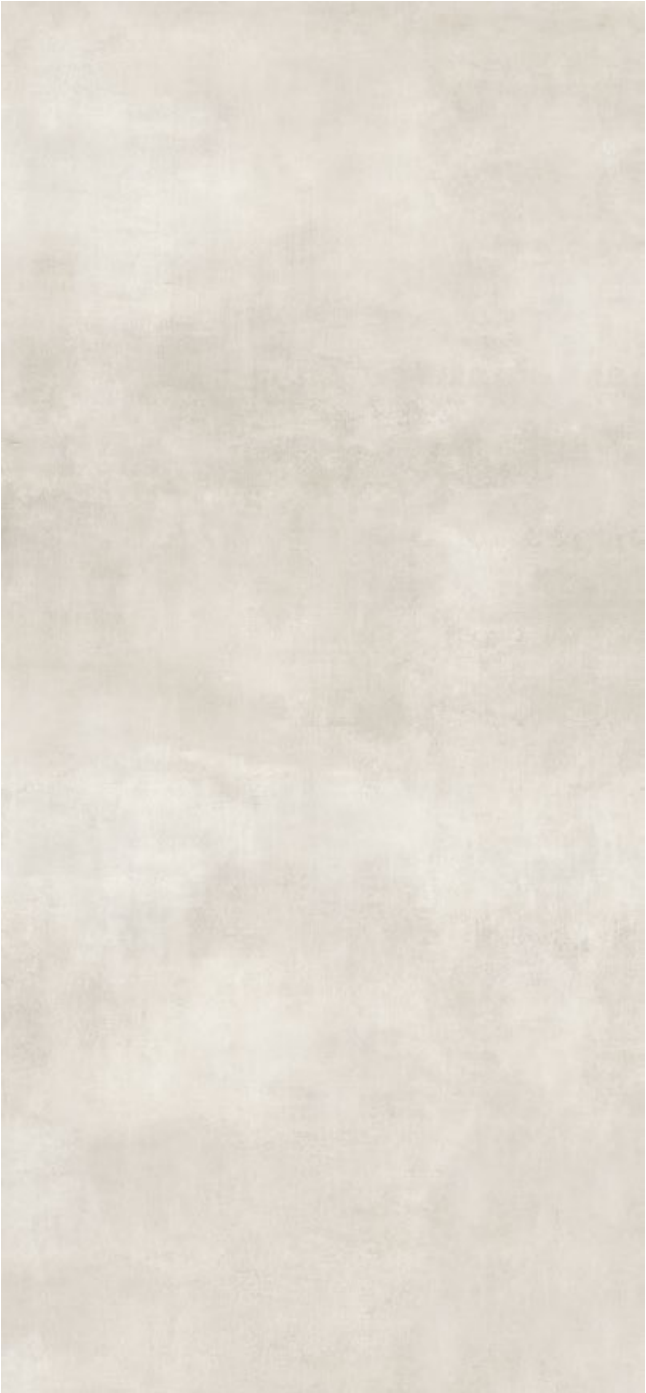
BM61



¹⁾ Recommended for wall coverings.

²⁾ Only the long side of the tile is rectified

white



CM0M



greige



CM7M



Art. 2962 ¹⁾
120 x 260 cm



CM0M



Art. 2961
120 x 120 cm



CM0M



Art. 2960
60 x 120 cm



CM0M



Art. 2962 ¹⁾
120 x 260 cm



CM7M



Art. 2961
120 x 120 cm



CM7M



Art. 2960
60 x 120 cm



CM7M



grey



CM6M



anthracite



CM9M



Art. 2962 ¹⁾
120 x 260 cm



CM6M



Art. 2961
120 x 120 cm



CM6M



Art. 2960
60 x 120 cm



CM6M



Art. 2962 ¹⁾
120 x 260 cm



CM9M



Art. 2961
120 x 120 cm



CM9M



Art. 2960
60 x 120 cm



CM9M



¹⁾ Recommended for wall coverings.

²⁾ Only the long side of the tile is rectified

sunny rock



 2

 2



 2)
 

 R9



90°










90° 2) R9

90°

6

R9

90° 6 R9

black rock



 2




 2)
 


 R9



R9



90° R9



90° 2) R9



90° 6 R9



R9

light grey



TC10



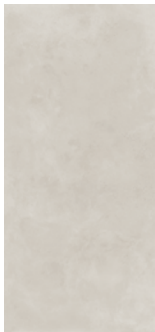
greige



TC70



Art. 2962 ¹⁾
120 x 260 cm



TC10



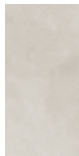
Art. 2961
120 x 120 cm



TC10



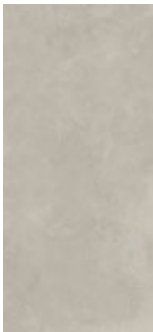
Art. 2960
60 x 120 cm



TC10



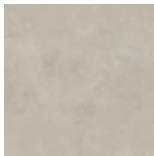
Art. 2962 ¹⁾
120 x 260 cm



TC70



Art. 2961
120 x 120 cm



TC70



Art. 2960
60 x 120 cm



TC70



grey



TC60

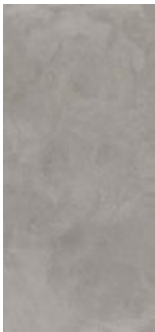


dark grey



TC90

Art. 2962 ¹⁾
120 x 260 cm



TC60



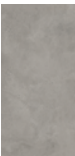
Art. 2961
120 x 120 cm



TC60



Art. 2960
60 x 120 cm



TC60



Art. 2962 ¹⁾
120 x 260 cm



TC90



Art. 2961
120 x 120 cm



TC90



Art. 2960
60 x 120 cm



TC90

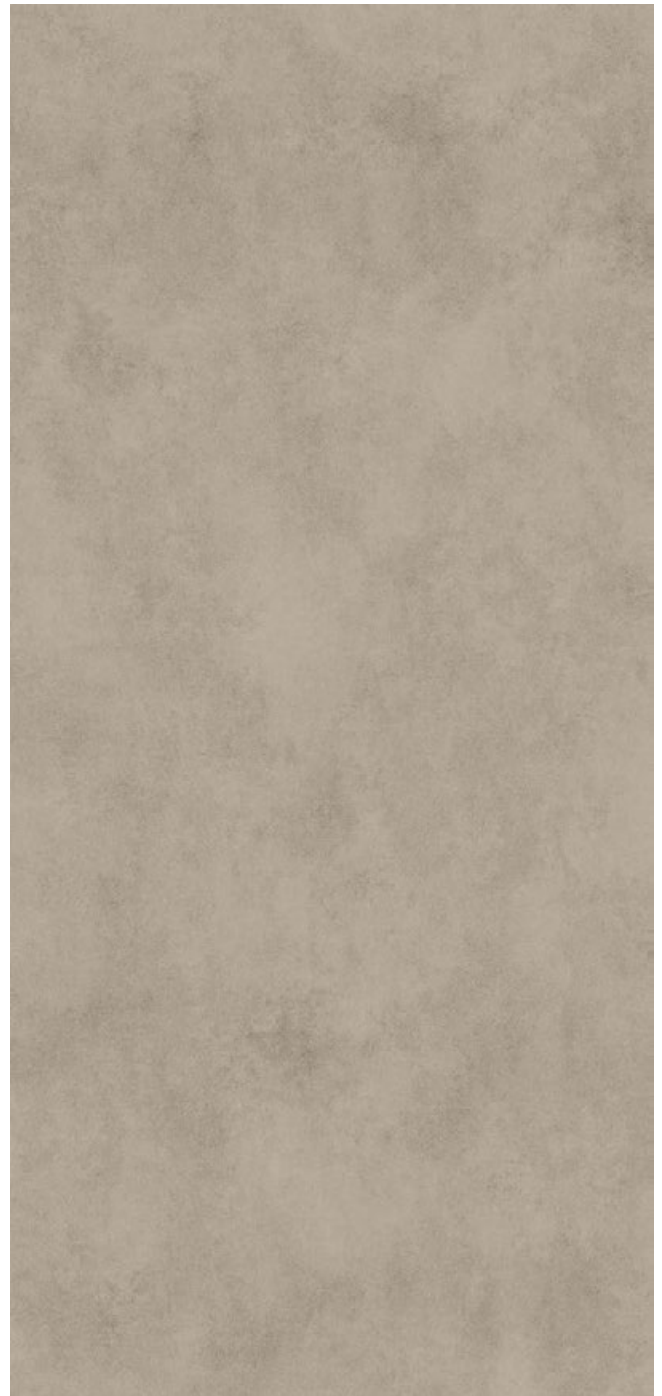


¹⁾ Recommended for wall coverings.

²⁾ Only the long side of the tile is rectified

greige

 1



 1

 2)

 R9

90° 6 R9





R9

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some minor discoloration and faint, irregular markings, characteristic of old paper. There is no text or other content on the page.

 2)
 

 R9



90° 6 R9



90° 6 R9

anthracite



ZM60



ZM90



ZM60



ZM60



ZM60



ZM90



ZM90

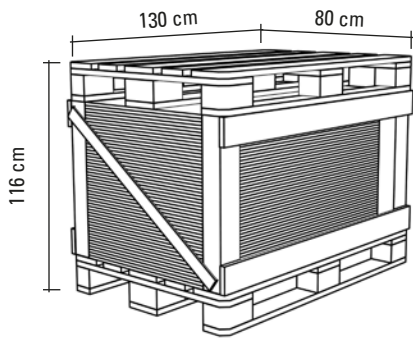


ZM90

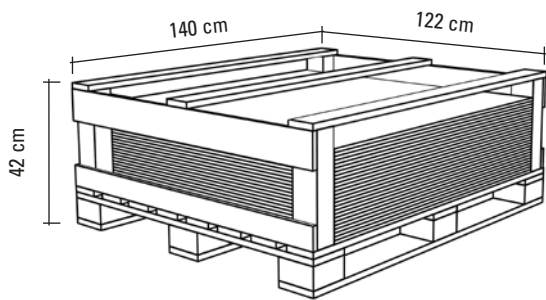


				60 x 120 cm	120 x 120 cm	120 x 260 cm	
							
				   R9 	   R9 	   R9 	   R9 
HUDSON OPTIMA		white sand	 2	Art. 2960 SD1B	Art. 2961 SD1B	Art. 2962 SD1B	
		sand	 2	Art. 2960 SD2B	Art. 2961 SD2B	Art. 2962 SD2B	
		clay	 2	Art. 2960 SD7B	Art. 2961 SD7B	Art. 2962 SD7B	
		volcano	 2	Art. 2960 SD9B	Art. 2961 SD9B	Art. 2962 SD9B	
METALYN OPTIMA		silver	 3	Art. 2960 BM06	Art. 2961 BM06		Art. 2962 BM09
		pearl	 3	Art. 2960 BM10	Art. 2961 BM10		Art. 2962 BM19
		bronze	 3	Art. 2960 BM70	Art. 2961 BM70		Art. 2962 BM79
		iron	 3	Art. 2960 BM40	Art. 2961 BM40		Art. 2962 BM49
		steel	 3	Art. 2960 BM60	Art. 2961 BM60		Art. 2962 BM68
		oxide	 3	Art. 2960 BM61	Art. 2961 BM61		Art. 2962 BM69
SPOTLIGHT OPTIMA		white	 2	Art. 2960 CM0M	Art. 2961 CM0M	Art. 2962 CM0M	
		greige	 2	Art. 2960 CM7M	Art. 2961 CM7M	Art. 2962 CM7M	
		grey	 2	Art. 2960 CM6M	Art. 2961 CM6M	Art. 2962 CM6M	
		anthracite	 2	Art. 2960 CM9M	Art. 2961 CM9M	Art. 2962 CM9M	
TUCSON OPTIMA		light rock	 3	Art. 2970 RN10	Art. 2971 RN10	Art. 2972 RN10	
		sunny rock	 3	Art. 2970 RN20	Art. 2971 RN20	Art. 2972 RN20	
		warm rock	 3	Art. 2970 RN60	Art. 2971 RN60	Art. 2972 RN60	
		black rock	 3	Art. 2970 RN90	Art. 2971 RN90	Art. 2972 RN90	
URBAN JUNGLE OPTIMA		light grey	 2	Art. 2960 TC10	Art. 2961 TC10	Art. 2962 TC10	
		greige	 2	Art. 2960 TC70	Art. 2961 TC70	Art. 2962 TC70	
		grey	 2	Art. 2960 TC60	Art. 2961 TC60	Art. 2962 TC60	
		dark grey	 3	Art. 2960 TC90	Art. 2961 TC90	Art. 2962 TC90	
X-PLANE OPTIMA		creme	 1	Art. 2960 ZM10	Art. 2961 ZM10	Art. 2962 ZM10	
		greige	 1	Art. 2960 ZM70	Art. 2961 ZM70	Art. 2962 ZM70	
		grey	 1	Art. 2960 ZM60	Art. 2961 ZM60	Art. 2962 ZM60	
		anthracite	 1	Art. 2960 ZM90	Art. 2961 ZM90	Art. 2962 ZM90	
Material				Porcelain stoneware	Porcelain stoneware	Porcelain stoneware	Glazed porcelain stoneware
Dimensions				597 x 1197 x 6 mm	1197 x 1197 x 6 mm	1197 x 2600 x 6 mm	1197 x 2600 x 6 mm
Unit of measure				m ² 13,89 kg 1,39 pce	m ² 13,93 kg 0,69 pce	m ² 13,96 kg 0,32 pce	m ² 13,96 kg 0,32 pce
Per piece / Per box				Per box 1,44 m ² 20 kg 2 pce	Per box 2,88 m ² 40,12 kg 2 pce	Per box 3,12 m ² 43,57 kg 1 pce	Per piece 3,12 m ² 43,57 kg 1 pce
Per box / Per pallet				Per pallet 72 m ² 1000 kg 50 box	Per pallet 72 m ² 1003 kg 25 box	Per box 78 m ² 1089,25 kg 25 pce	Per box 78 m ² 1089,25 kg 25 pce
Min. sales unit				box	box	piece	piece
Calculation unit				m ²	m ²	m ²	m ²
Price group				P131	P136	P156	P156
Special points						only the long side of the tile is rectified	
						recommended for wall coverings	

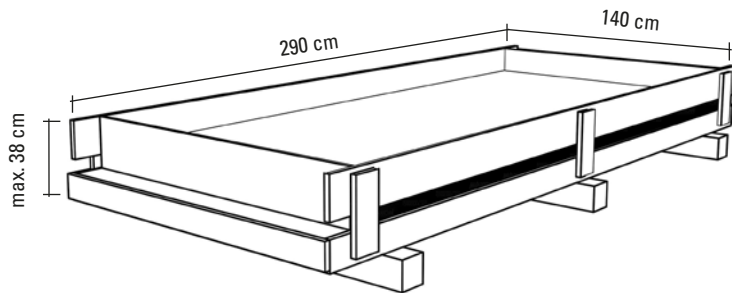
PACKAGING DETAILS



Format 60 x 120 cm							
kg / piece	piece / m²	piece / package	m² / package	kg / package	package / palett	m² / palett	kg / palett
10	1.39	2	1.44	20	50	72	1,000



Format 120 x 120 cm							
kg / piece	piece / m²	piece / package	m² / package	kg / package	package / palett	m² / palett	kg / palett
20.06	0.69	2	2.88	40.12	25	72	1,003



Format 120 x 260 cm				
kg / piece	piece / m²	piece / box	m² / box	kg / box
43.57	0.32	25	78	1,089.25

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.

DISPLAY FURNITURE

The multi-faceted OPTIMA presentation system provides an ideal means of showcasing the impressive large formats in a thickness of 6 mm.

GRADUS OPTIMA 120x120

Art. 9870-GROP-09-10

Height: 180 cm

Width: 136 cm

Depth: 136 cm

Tiles (120 x 120 cm): 10 pieces

Net weight: ~100 kg

Weight with tiles: ~301 kg



GRADUS OPTIMA 60x120

Art. 9870-GRO1-09-10

Height: 125 cm

Width: 83,5 cm

Depth: 57,5 cm

Tiles (60 x 120 cm): 8 pieces

Net weight: ~ 17,7 kg

Weight with tiles: ~ 97,7 kg



FORCUS OPTIMA REVERSE 120x120

Art. 9870-OPRE-09-10

Height: 185 cm

Width: 68,2 cm

Width when open: 120 cm

Depth: 156 cm

Depth when open: 284 cm

Tiles (120 x 120 cm): 10 pieces

Net weight: ~113 kg

Weight with tiles: ~314 kg

DISPLAY FURNITURE

SPECTRUM OPTIMA

Art. 9870-OPSP-09-10

Height: 185 cm

Width: 88 cm

Depth: 80 cm

Tiles (60 x 60 cm): 24 pieces

Net weight: ~ 39,5 kg

Weight with tiles: ~ 160 kg



DUPLEX OPTIMA 120x260

Art. 9870-OPDU-09-10

Height: 265 cm

Width: 143 cm

Depth: 70 cm

Tiles (120 x 260 cm): 2 pieces

Net weight: ~ 95 kg

Weight with tiles: ~ 182 kg



TECHNICAL INFORMATION

The OPTIMA tiles are made of *vilbostone* porcelain stoneware and are assigned to the DIN EN 14411 group BIa.

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 which 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-leveling 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.

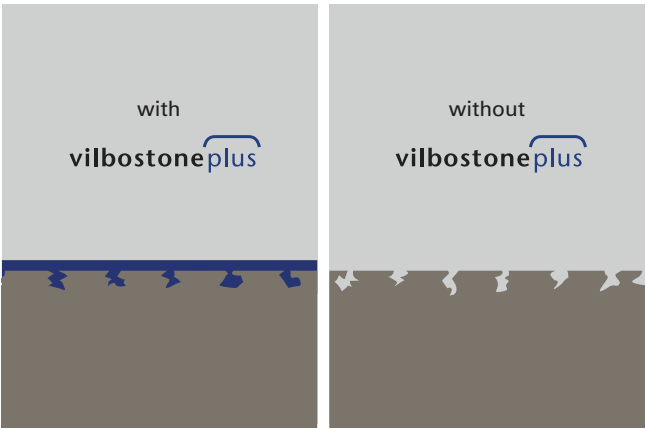


CLEANING AND CARE

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.
Owing to their high resistance to chemicals and their pronounced wear resistance, porcelain stoneware tiles

are predominantly used in areas subject to high levels of stress.
Only hydrofluoric acid and related substances are able to attack or destroy the surface of porcelain stoneware tiles and they are thus not be used on these surfaces!

vilbostoneplus



Unglazed vilbostone porcelain stoneware with a matt or rough-polished surface finish have the vilbostone**plus** seal, which renders the tiles particularly resistant to dirt and stains. During the manufacturing process, the structure of the tile surface is sealed in order to further increase the tiles’ resistance to staining and dirt, as a result of which subsequent treatment with impregnating agents is no longer necessary.

SIGNS AND SYMBOLS

-  = Rectified
-  = Frostproof DIN EN ISO 10545-12
-  4 = Wear-resistance group DIN EN ISO 10545-7
-  R9 = Anti-slip in workshop areas
-  = Tile thickness 6 mm
-  1  2  3  4 = Shade variation

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.

V & B Fliesen GmbH

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Shades and dimensions subject to the usual tolerances. We reserve the right to make technical modifications to the range and alter colours.

