

Zenturo®

Inspiration Guide



Zenturo + pixel infill



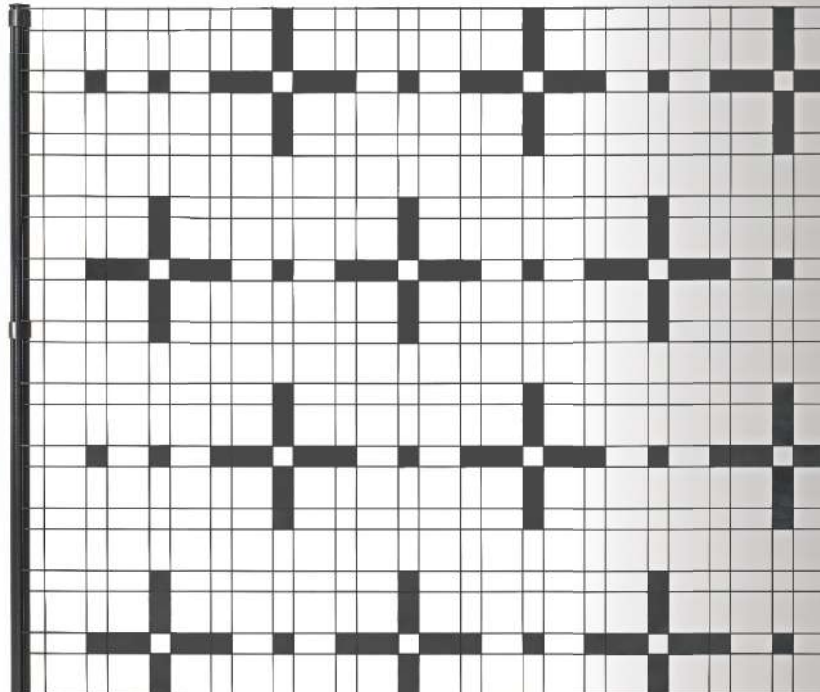
Zenturo Super

B BETAFENCE



Zenturo®

versatile
and easy to
personalise



Dear Reader,

Your garden is there to enjoy to the full. To rest. To regain strength and inspiration. And especially: it is a place for the entire family to relax.

Naturally you want to enclose this oasis of calm discreetly. Not only in a way that fulfills all your wishes as regards privacy and protection, but also stylishly and with an eye for detail. And in a way that suits you. Zenturo accommodates all these wishes. With no exceptions.

Zenturo is a unique and original total concept from Betafence with Zenturo and Zenturo Super panels, the Zenturo post system for a filled wall, and the Zenturo swing gate. The Zenturo assortment has a modern look, is easy to install, and incorporates the latest trends.

Use Zenturo/Zenturo Super as a stylish fence or as a creative garden decoration panel. Personalize with Zenturo Panels, Flexo strips and Perfo strips, and create your own unique look. Or build a naturally filled wall. The new Zenturo Super panels with smaller mesh sizes offer the perfect solution. They are suitable for smaller infills such as bark, leaves, etc. With the Zenturo post system, specially developed for application as a filled wall, installation is completed in no time. The new Zenturo swing gate completes your fence in style.

Allow yourself to be inspired by the many applications you can find in this booklet. And discover how you can quickly create an original and highly personal environment that will leave everyone speechless.

We wish you lots of inspirational enjoyment!

The Betafence team

Zenturo® en Zenturo® Super can be used anywhere

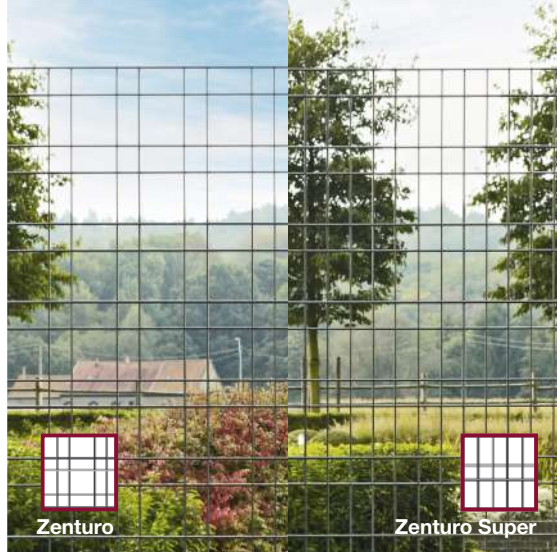


Zenturo Flexo strips



Zenturo filled wall

The power of Zenturo and Zenturo Super resides in their multi-applicability. The panels can be used for different purposes and in various configurations.



Zenturo



Zenturo Super



Zenturo Pixels

Zenturo Perfo strips

• Rigid design fencing

Zenturo and Zenturo Super panels are welded out of round galvanized wires. The combination of varying mesh sizes and the double alternating horizontal wires give a unique and rigid character to your garden.

• Privacy solution

Use Zenturo and Zenturo Super panels to protect your privacy without neglecting the aesthetic dimension. Every panel can be filled completely or in part with pixels, plastic strips (Zenturo Flexo strips) or stainless steel perforated strips (Zenturo Perfo strips).

• Unique and personal design

There are many possible ways to personalize your fence. You can create and combine endlessly with Zenturo Pixels, Flexo and Perfo strips. Make a wholly unique and personal design.

• Garden decoration panel

Climbing plants feel perfectly at home on the solid wire mesh of Zenturo and Zenturo Super. The panels are highly decorative garden elements, both freestanding and wall mounted (in combination with Panofix® spacers).

• Filled wall

Install the Zenturo/Zenturo Super panels as a double wall filled with e.g. stones, branches, etc. For finer materials, such as bark, use the new smaller mesh Zenturo Super panels. The filled wall is quick and easy to install with the Zenturo post system. Make your fence or garden decoration an exceptional and original eye catcher.

• Stylish and secure entrance gate

The new Zenturo swing gate provides secure access to your garden. The single or double swing gate with the Zenturo design combines perfectly with the Zenturo and Zenturo Super panels and completes your fence in style.

Zenturo 'pure' for a rigid design garden

The universal design of the Zenturo garden panel looks extremely rigid and stylish due to the varying mesh sizes. For that reason Zenturo perfectly suits contemporary and modern architectural styles.

TIP You can always personalize your Zenturo fence later with the available accessories. Plenty of ideas and choices.



Zenturo Pixels for a strictly personal garden

People who like originality, can fill Zenturo/ Zenturo Super with click-in Zenturo Pixels. You can then make your own patterns or even texts to create a highly personal fence.

TIP The Zenturo Pixels are available in green and anthracite and in 3 sizes. allowing endless variation.



Zenturo Flexo strips for a cosy corner in your garden

You want to enjoy a good book discreetly while still seeing what is going on around you?

With Zenturo Flexo strips you can create a rigid yet cosy frame that you can put anywhere in your garden.

TIP Weave the Zenturo Flexo strips horizontally and vertically through the framework for a charming result.



Zenturo Flexo strips for a cosy family garden

By 'weaving' Zenturo Flexo strips into Zenturo/ Zenturo Super panels, you create an exclusive looking plaiting with a smooth but highly contemporary look. The perfect enclosure for a corner in your garden.

TIP Use adapted post diameters if you want to fill your Zenturo completely with Zenturo Flexo strips.



Zenturo Perfo strips for an atmospheric, stylish garden

Use the perforated stainless steel strips to add extra class and rigidity to your Zenturo/ Zenturo Super and your garden. You can slide them vertically between the double, horizontal, alternating wires of the panel.

TIP Zenturo Perfo strips in combination with coarse bark or large stones produce a highly original and atmospheric result.

Detailed instructions for use of Zenturo/ Zenturo Super as a gabion wall see p.25.



Zenturo with plant covering for a green fence

A great idea for people who love pure nature. Zenturo/Zenturo Super is the ideal climbing support for plant covering. In that way you create a natural green wall.

TIP Vines, roses and ivy all feel truly at home on the solid Zenturo/Zenturo Super framework. For full plant covering, it is best to opt for heavier posts.



Zenturo with pebbles for a rigid design look

Deliberately create a fantastic pillar of stone by using Zenturo/Zenturo Super as a double wall and filling it with pebbles. In this way you obtain a magnificent, striking decorative element.

TIP Use both large and small pebbles for an optimal filling in small meshed Zenturo Super. Detailed instructions for use of Zenturo/Zenturo Super as a gabion wall see p.25.



Are you looking for an aesthetic and practical way to remove garden equipment, a vegetable patch or compost heap from view? Fill the Zenturo/Zenturo Super like a gabion with tree bark or leaves to create a beautiful and completely natural buffer.

TIP Tree bark is available at most garden centres. For a trendy look, combine with the Zenturo Perfo strips.

Detailed instructions for use of Zenturo/Zenturo Super as a gabion wall see p.25.

Zenturo with tree bark or leaves for a functional garden



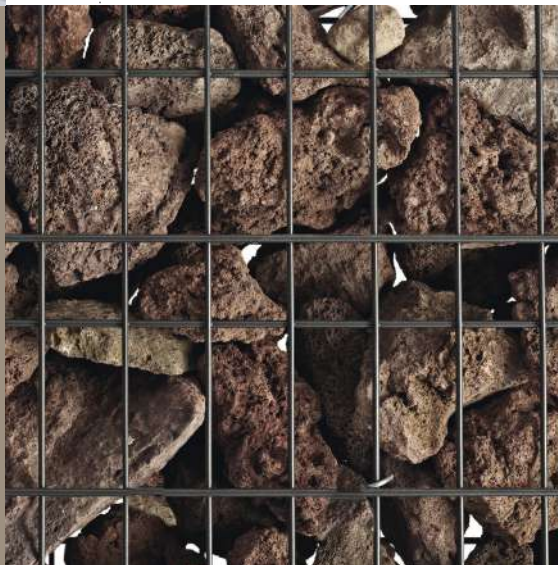


The darker shades of lava rock produce a magnificent contrast with the lush green of your garden. Combined with a Zenturo/Zenturo Super gabion wall, it adds a rigid and extremely modern element to your garden.

TIP The anthracite grey colour of Zenturo/Zenturo Super matches perfectly with the colour of lava rock.

Detailed instructions for use of Zenturo/Zenturo Super as a gabion wall see p.25.

Zenturo Super with lava rock for a warm garden



Zenturo with a colourful climbing plant for an enchanting garden

Do you love enchantment and fairytales? As a wall panel, Zenturo livens up your environment and creates extra atmosphere in your garden.

TIP With Panofix® spacers you can mount the panels at a distance from the wall, so that vines and stalks can attach firmly around the panel.



Creativity with Zenturo for an artistic garden

Do you want a beautiful sculpture to really stand out? Install a Zenturo/Zenturo Super panel with pixel pattern behind your work of art to make it stand out even more. Original!

TIP Also Zenturo/Zenturo Super with pixels will give your garden a truly artistic character.



Outdoor seating area with Zenturo for a living room garden

Do you want to extend the homely atmosphere to your garden and patio? Then Zenturo/Zenturo Super offers the best patio fencing you could wish for. Fill the Zenturo gabion to your own taste and enjoy carefree dining and relaxation in the open air. Choose Zenturo or Zenturo Super depending on the size and the infill.

TIP By choosing tree bark or different types of stones, your garden will acquire an even more natural character.

Detailed instructions for use of Zenturo/Zenturo Super as a gabion wall see p.25.



Zenturo with bamboo for a lush, tropical garden

Bamboo is the ideal solution for people who love a 'world garden' with a tropical character. Fill the Zenturo/Zenturo Super gabion with bamboo sticks and enjoy...

TIP Preferably arrange the bamboo sticks horizontally. Filling the gabion with coconut shells also creates an exotic accent.

Detailed instructions for use of Zenturo as a gabion wall see p.25.



Zenturo with small tree trunks for a cosy nature garden

Stylish, discreet and extremely natural. By stacking thick, small tree trunks in the Zenturo/Zenturo Super gabion wall, you create a natural fence that imparts a warm and cosy look to your garden.

TIP This is a great way to get rid of your trimmings.

Detailed instructions for use of Zenturo/Zenturo Super as a gabion wall see p.25.



Working with Zenturo® and Zenturo® Super as a rigid fence



A Zenturo or Zenturo Super panel is easily installed with the Bekaclip post and Bekafor brackets.

The Bekafor Click post with pre-mounted fixing clips is extremely practical.

Filled walls can now be quickly and easily installed with the Zenturo post system (see p. 25).



Bekaclip post with Bekafor brackets

Zenturo® and Zenturo® Super with Bekafor® Click post or Bekaclip® post: a winning combination...

Solid

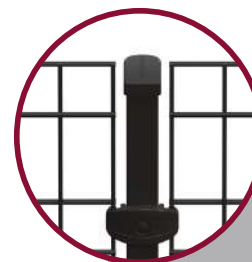
Extra solid posts and fixing brackets or clips.

Durable

The posts are galvanized internally and externally with a superior polyester coating. UV-resistant polyamide is used for the fixing clips and brackets. No wonder then that we can offer you a 10-year warranty on a complete panel system!

Maintenance friendly

Neither the panels nor the posts require any maintenance or adjustment.



Bekafor Click post with pre-mounted fixing clips

Unique and practical!

The Bekafor Click post is a new and unique post system with pre-mounted fixing clips. A dream for everyone who likes to work quickly and accurately. Or as the name suggests: fix, click and go!

The semi-oval posts are strong and available in green or anthracite as standard.

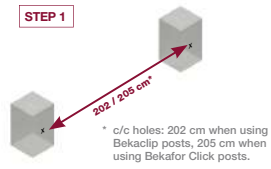
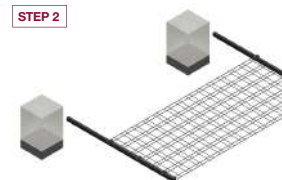
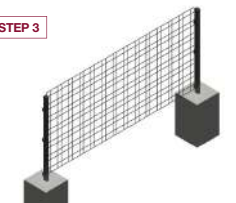
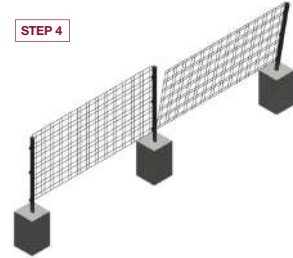
The pre-mounted fixing clips are coloured in the mass and cannot be removed. Each post is equipped with an aesthetic plastic cap in the colour of the post. Aluminium bases are available for installation on a wall or a concrete base.

Installing Zenturo® and Zenturo® Super as a rigid fence

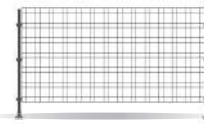




The Zenturo/Zenturo Super fence is installed according to the principle: 'panel/post/panel'.

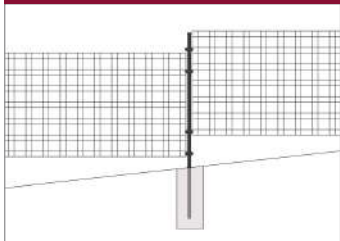
Installing Zenturo/Zenturo Super with concreted-in posts

<p>STEP 1</p>  <p>* c/c holes: 202 cm when using Bekaclick posts, 205 cm when using Bekafor Click posts.</p>	<p>STEP 2</p> 	<p>STEP 3</p> 
<p>STEP 4</p> 	<p>STEP 1 Make holes Make holes of 30 x 30 cm that are 50 cm deep.</p> <p>STEP 2 Attach the posts to the panel Attach a post to both sides of the 1st panel on the ground. Pour 10 cm concrete into the first two holes.</p> <p>STEP 3 Install the panel Install the panel with two posts. Fill up the holes with concrete and push down. Check that everything is level with a spirit level.</p> <p>STEP 4 Install the next panel Attach a 2nd panel to a 3rd post and install it in the next hole and fill it. Attach this panel to the 2nd post. Repeat these steps.</p>	

Installing Zenturo/Zenturo Super with posts on bases

	<p>Installation on the bases is possible for panel heights of 65, 95 and 125 cm.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="1825 912 1948 1024">  <p>Bekaclick post</p> </div> <div data-bbox="2004 912 2128 1024">  <p>Bekafor Click post</p> </div> </div>
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Specific installation of Zenturo/Zenturo Super on a slope



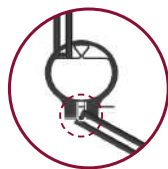
The post length must always be the sum of the panel height + 70/80 cm.

Use additional brackets if working with Bekaclip posts. Provide additional clips for panel heights 125 and 170 cm when using Bekafor Click posts.

Installing Zenturo/Zenturo Super in a corner



Installation at an angle?
No problem. Use additional corner clips if you are working with Bekaclip posts (for any angle other than 90°). No additional tools are required for Bekafor Click posts.

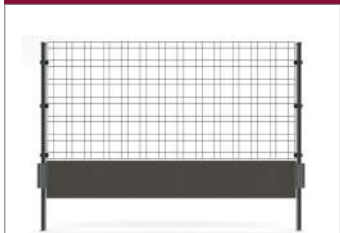


Bekaclip post

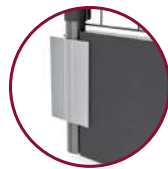


Bekafor Click post

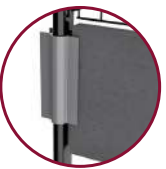
Installing Zenturo/Zenturo Super with concrete plate holders



Concrete plate holders are used to install a concrete plate under the fence. The grey holders can accommodate concrete plates up to 35 mm thick. Concrete plate holders are available for both the Bekaclip post and the Bekafor Click post.



concrete plate holder for Bekaclip post



concrete plate holder for Bekafor click post

Installing Zenturo® and Zenturo® Super as a gabion wall



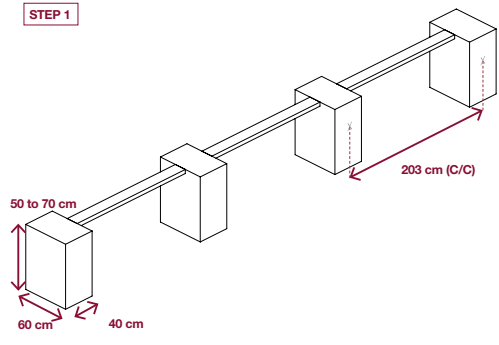
When installing Zenturo and Zenturo Super as a gabion wall, you are advised to take a few precautions.

The addition of the filling requires a slightly different approach.

>>>

1/ Install Zenturo/Zenturo Super panels with rectangular Zenturo posts

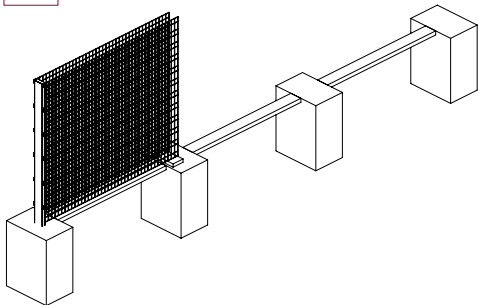
STEP 1



Make holes

Dig holes of a minimum 40 x 60 cm and 50 to 70 cm deep (depending on the wall height) at a c/c distance of 203 cm. Make a trench, at least 5 cm deep between the holes. The width of the trench must equal at least the width of the Zenturo post (120 mm). Fill the trench with concrete, gravel, rubble granulate, stabilized sand, cobbles, old tiles, etc.

STEP 2



Install the first post and attach two parallel panels

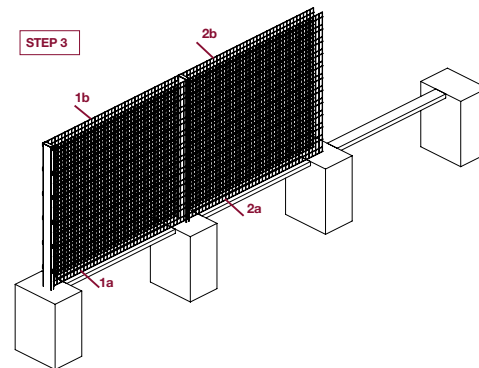
Place a post in the first hole and pour in a little concrete. Attach two parallel panels to the post using spider clips and specific mounting bolts. Support the panels at the other end with wood or stone. Check whether everything is positioned perfectly horizontal and perpendicular. Fill up the first hole with concrete.

TIP Keep the distance between the bottom of the panel and the filled trench as small as possible.

Use only rectangular Zenturo posts with a cross section of 120 x 40 mm / 2 mm wall thickness and the associated Zenturo spider clips.

NEVER EXCEED THE MAXIMUM HEIGHT OF THE WALL: 200 CM!

STEP 3



Install the second post and attach the next two parallel panels

Place the second post in the second hole and pour in a little concrete. Simultaneously attach panels 1a and 2a (front side) to the second post using spider clips. Then attach panels 1b and 2b (rear side) to the second post. Support the panels with wood or stone. Check whether everything is positioned perfectly horizontal and perpendicular. Fill up the second hole with concrete. Repeat the above steps for the other posts.

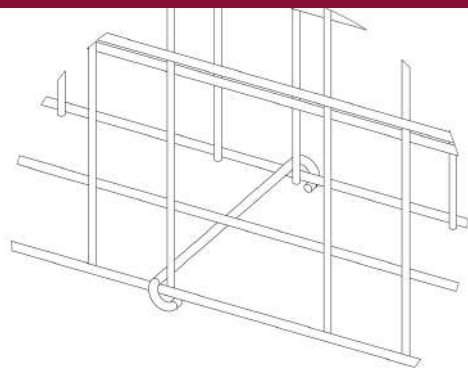


**Always install the wall with concreted in posts, never on a base!
The post length must be equal to the height of the Zenturo panel used + a minimum of 50 cm.**

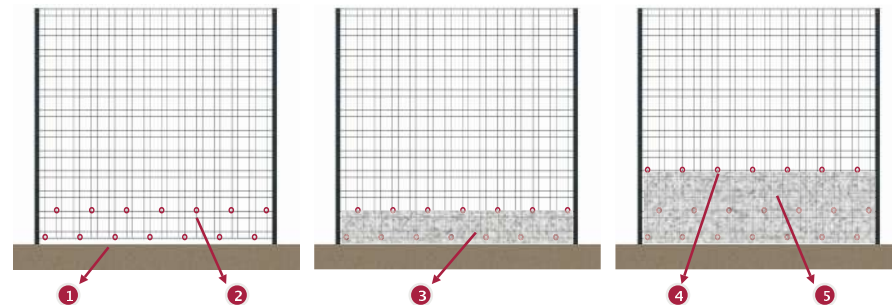
Betafence's liability is limited to any damage for which and insofar as Betafence could be held liable in accordance with imperative legal stipulations. Indirect damage (including consequential loss) and/or immaterial damage is / are excluded. Betafence is not liable for any damage caused during or as a result of the installation, or for any damage due to incorrect or incomplete installation. These products come with an installation guide that can also be found at www.betafence.com and <http://safety.zenturo.net>. These instructions must be strictly followed. If you do not have the necessary skills to install the products yourself, you are advised to ask a professional for assistance.

2/ Filling the Zenturo/Zenturo Super panels

STEP 1



STEP 2



Use Zenturo spacers

Avoid the panels from bulging under the weight of the infill. Ensure an equal distance between the 2 panels by using the Zenturo spacers. Place the holders - in both vertical and horizontal direction - at approx. 50 cm apart for light infills (tree bark, twigs, etc.) or at approx. 30 cm for heavier infills (stone, etc.)



TIP Always place the anchors around the welds of the panels, so that they cannot move.

This installation manual is also available from www.betafence.com and <http://safety.zenturo.net>
These instructions must be strictly adhered to when installing a gabion wall with Zenturo panels.

Filling in the space between two panels

After the concrete has cured, you can begin to fill in the space between both panels:

- 1 Place a first row of Zenturo spacers at the bottom of the panels.
- 2 Place a second row of spacers above the first row.
- 3 Fill the wall to just below the second row of spacers.
- 4 Place a third row of spacers.
- 5 Fill up to just below this row.

Continue in this way until the wall is completely filled and place also a row of Zenturo spacers at the top.

Infills

The infill is a perfect way to add a personal touch to your garden. Fill the wall with pebbles, lava rock, etc. or choose a natural material such as tree bark. An original eye-catcher.

The different infills cannot be ordered from Betafence but are easily found at specialist stores.



Coconut shells



Tree bark



Lava rock

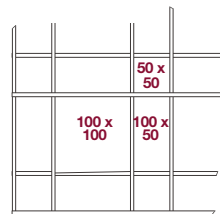
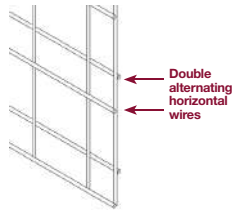


Pebbles

Technical data

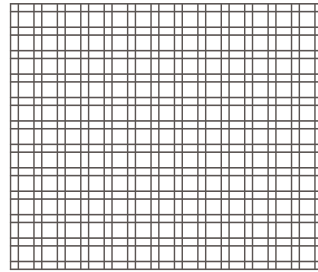
Zenturo® panel 3 mesh sizes: 100 x 100 / 100 x 50 / 50 x 50 mm

- Welded round wires
- Galvanized wire, adhesion layer and coated polyester
- Wire diameters:
 - vertical: 4.15 mm
 - horizontal: 5.00 mm
- Mesh sizes **100 x 100 / 100 x 50 / 50 x 50 mm**
- Double alternating horizontal wires
- Panel width: 2005 mm
- Colours: green RAL 6005, metallic anthracite BF7016M



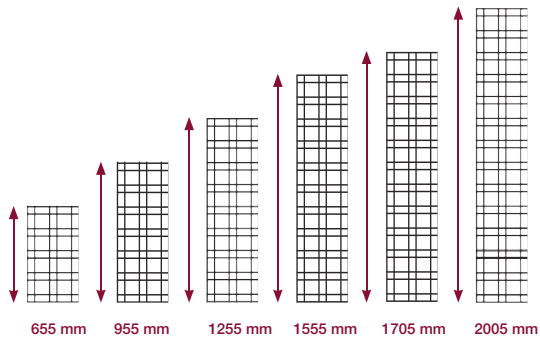
Mesh sizes

Panel width



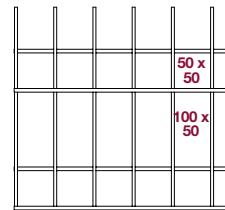
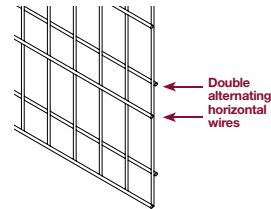
2005 mm

Panel heights



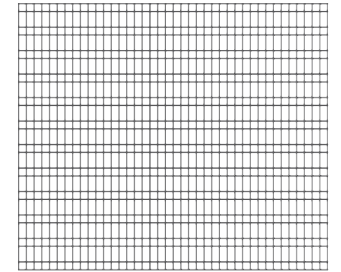
Zenturo® Super panel 2 mesh sizes: 100 x 50 / 50 x 50 mm

- Welded round wires
- Galvanized wire, adhesion layer and coated polyester
- Wire diameters:
 - vertical: 4.15 mm
 - horizontal: 5.00 mm
- Mesh sizes **100 x 50 / 50 x 50 mm**
- Double alternating horizontal wires
- Panel width: 2005 mm
- Colours: metallic anthracite BF7016M



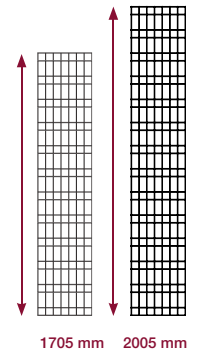
Mesh sizes

Panel width



2005 mm

Panel heights



Zenturo® post systems for a rigid fence



Bekafor® Click post

The Zenturo and Zenturo Super panel can be combined with the Bekafor Click post with pre-mounted fixing clips or the Bekaclip post with Bekafor brackets.



Bekaclip® post



panel height	panel width	CONCRETE INSTALLATION		INSTALLATION WITH BASES	
		Bekaclip post length	Bekafor Click post length	Bekaclip post length	Bekafor Click post length
655 mm	2005 mm	1100 mm	1100 mm	700 mm	700 mm
955 mm	2005 mm	1500 mm	1500 mm	1100 mm	1100 mm
1255 mm	2005 mm	1700 mm	1700 mm	1300 mm	1300 mm
1555 mm	2005 mm	2000 mm	2000 mm		
1705 mm*	2005 mm	2300 mm	2300 mm		
2005 mm*	2005 mm	2500 mm	2500 mm		

available colours green RAL 6005 metallic anthracite BF7016M

* Zenturo Super available only in this panel height

Zenturo® post system for a filled wall



Zenturo® post



Zenturo® spider clip

The Zenturo post system has been specially developed for application as a filled wall. The post system ensures a solid wall and is quick and easy to install. Panels are fixed with special spider clips. The rectangular post has a unique design and is finished with a black post cap at the top.



Panels are easily fixed to the post by screwing metal spider clips into the post. A beautiful, solid and perfect finish.

Zenturo post:

- Rectangular tube 120 x 40 mm
- Wall thickness: 2.00 mm
- Internally and externally galvanized and polyester coated
- Colour: metallic anthracite BF7016M

Metal spider clips:

- Hot dip galvanized and polyester coated
- Fixed to post with
 - stainless steel hexagonal safety bolts M6 x 40
 - stainless steel washers M6
- Colour: metallic anthracite BF7016M

panel height	panel width	post length	spider clips per post
655 mm	2005 mm	1100 mm	2 x 3
955 mm	2005 mm	1500 mm	2 x 4
1255 mm	2005 mm	1700 mm	2 x 5
1555 mm	2005 mm	2000 mm	2 x 6
1705 mm*	2005 mm	2400 mm	2 x 6
2005 mm*	2005 mm	2700 mm	2 x 7

* Zenturo Super available only in this panel height



Zenturo® swing gate



Install a high quality and secure swing gate that perfectly matches the unique design of the Zenturo panels. The gate is supplied with 2 Bekaclip posts and all accessories.

Frame:

- Square tube: 40 x 40 mm
- Wall thickness: 1.50 mm
- Internally and externally galvanized and polyester coated
- Colours:
 - metallic anthracite BF7016M
 - green RAL 6005 (on request)

Gate infill:

- Zenturo mesh design
- Welded round wires
- Double alternating horizontal wires
- Galvanized wire, adhesion layer and coated polyester
- Wire diameters:
 - vertical: 4.15 mm
 - horizontal: 5.00 mm
- Mesh sizes: 100 x 100 / 100 x 50 / 50 x 50 mm
- Colours:
 - metallic anthracite BF7016M
 - green RAL 6005 (on request)

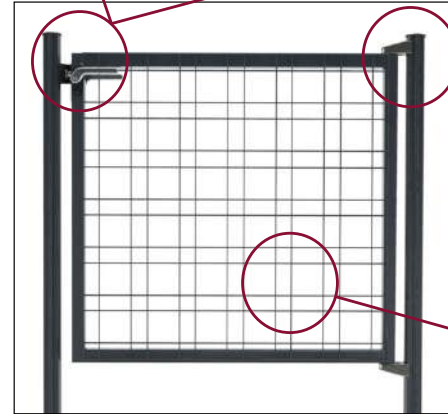
gate width (nominal)	height	gate post length	spacing between gate posts	Bekafor brackets included in the supply
SINGLE SWING GATES				
1000 mm	955 mm	1750 mm	1140 mm	6
1000 mm	1255 mm	2050 mm	1140 mm	6
1000 mm	1555 mm	2300 mm	1140 mm	6
1000 mm	1705 mm	2500 mm	1140 mm	8
1000 mm	2005 mm	2700 mm	1140 mm	8
DOUBLE SWING GATES				
3000 mm	955 mm	1750 mm	3100 mm	6
3000 mm	1255 mm	2050 mm	3100 mm	6
3000 mm	1555 mm	2300 mm	3100 mm	6
3000 mm	1705 mm	2500 mm	3100 mm	8
3000 mm	2005 mm	2700 mm	3100 mm	8



- Discreetly integrated security system
- Two-colour (black, metallic) handle in plastic with integrated cylinder



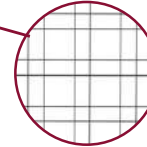
- Discreet black lock fitting made of plastic



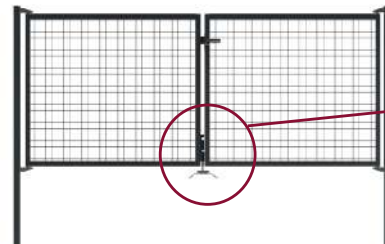
- Unique adjustable hinges finished in the same design as the handle



- Bekafor brackets Ø 60 mm are used to fix the panels to the gate posts



- Zenturo frame infill: 3 mesh sizes 100 x 100 / 100 x 50 / 50 x 50 mm



- Ground latch system for double swing gates

Infills

to be fixed to Zenturo® and Zenturo® Super panels

Zenturo® Pixels

- Material: polypropylene
- Dimensions: **100 x 100 / 100 x 50 / 50 x 50 mm**
- Finish: mass-coloured, mat finish
- Packed in a transparent blister
- Number of pixels per blister pack:
 - pixel 100 x 100 mm: 20 pixels / blister
 - pixel 100 x 50 mm: 30 pixels / blister
 - pixel 50 x 50 mm: 40 pixels / blister
- Colours: ■ green ■ anthracite



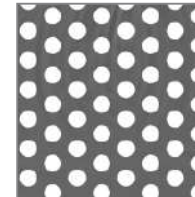
Zenturo® Flexo strips



- Flexible plastic strip, in a roll
- To be woven into the panel horizontally and/or vertically
- Material: polyethylene
- Dimensions:
 - strip width 44 mm (for 50 mm mesh)
 - strip width 94 mm (for 100 mm mesh)
- Roll length: 50 m to be cut to length. Hole to provided at the ends for fixing with strap band.
- Colours: ■ green ■ anthracite

Zenturo® Perfo strips

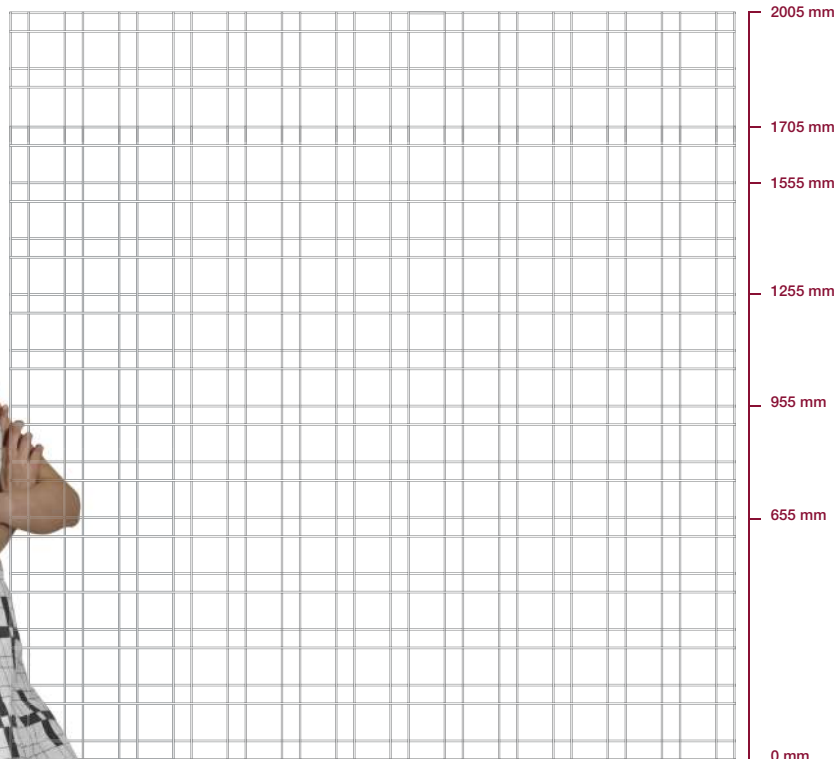
- Perforated stainless steel strip
- To be mounted vertically in the panel. Ends of strips to be attached using a strap band.
- Material: stainless steel 304
- Plate thickness: 0.50 mm
- Alternating hole pattern with holes \varnothing 7 mm
- Colour: stainless steel
- Dimensions:
 - strip width 44 mm (for 50 mm mesh)
 - strip width 94 mm (for 100 mm mesh)



\varnothing 7 mm

width	length	strips/pack
44 mm	1700 mm	14
44 mm	2000 mm	14
94 mm	1700 mm	13
94 mm	2000 mm	13

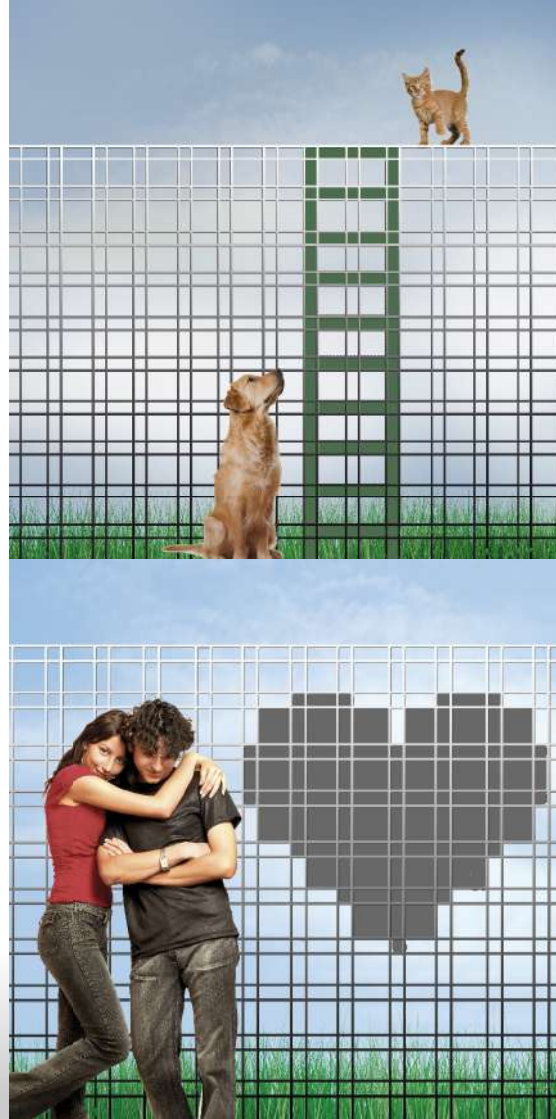
Create your own style here with Zenturo® infills



Colours: green and metallic anthracite

BETA FENCE

To create your Zenturo Super panel, halve the 100 x 100 mm meshes (draw supplementary vertical wires).



You can create endlessly
with Zenturo® Pixels...

Design an entirely unique pattern, whether or not temporarily. Combinations with different infills can also produce surprising results.

Zenturo Pixels are available in 3 sizes and 2 colours. Click the Zenturo Pixels on the corresponding meshes in the panel. Click and go! From now on you will have a unique fence to love.

Betafence is the world market leader in physical fencing systems, access control, and detection systems.

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Under reserve of changes to the range and products.

02/2011

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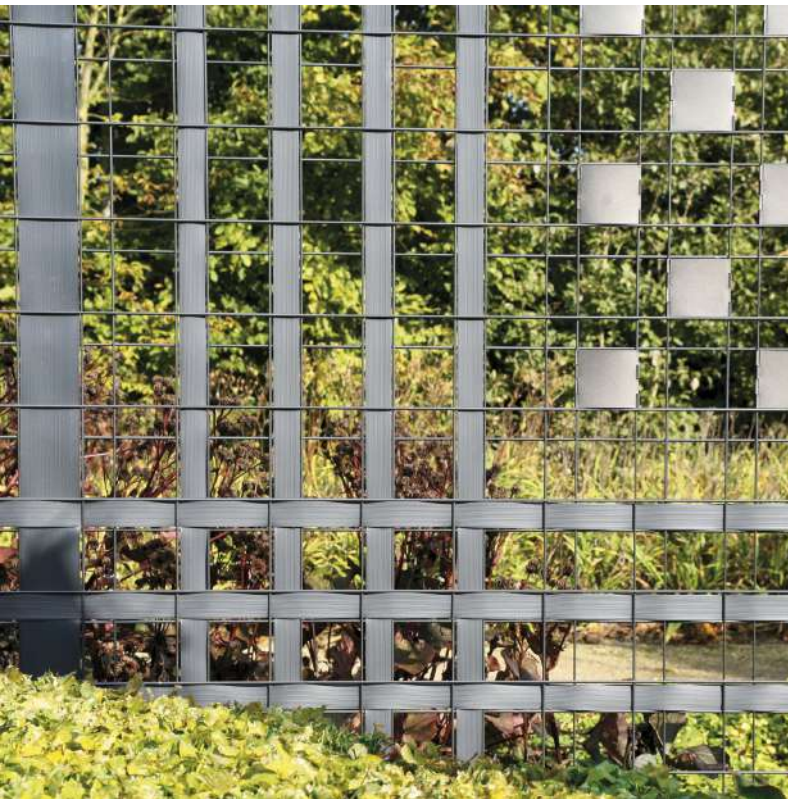
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