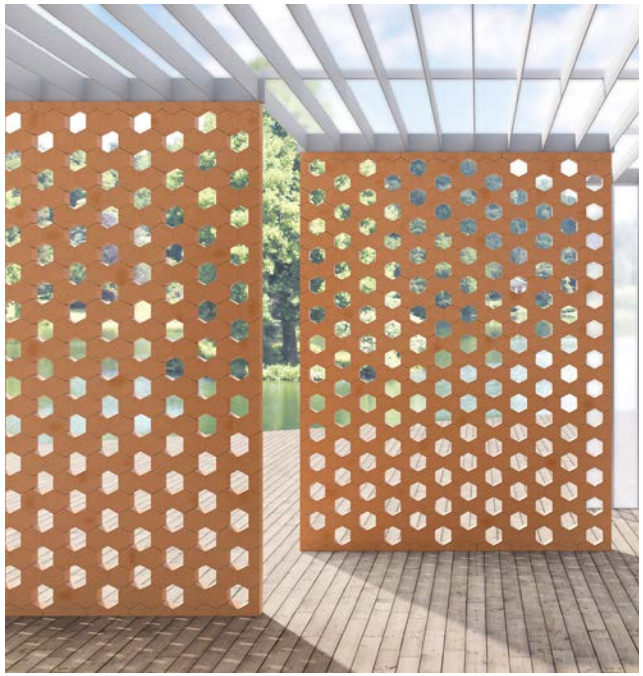

1 Color | 1 Size | 1 Finish
HIVES
TERRACOTTA
BRICK
Nemo Tile + Stone x Mutina
NEMO
TILE + STONE



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Terracotta Brick

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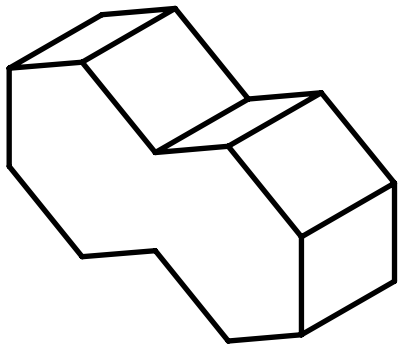
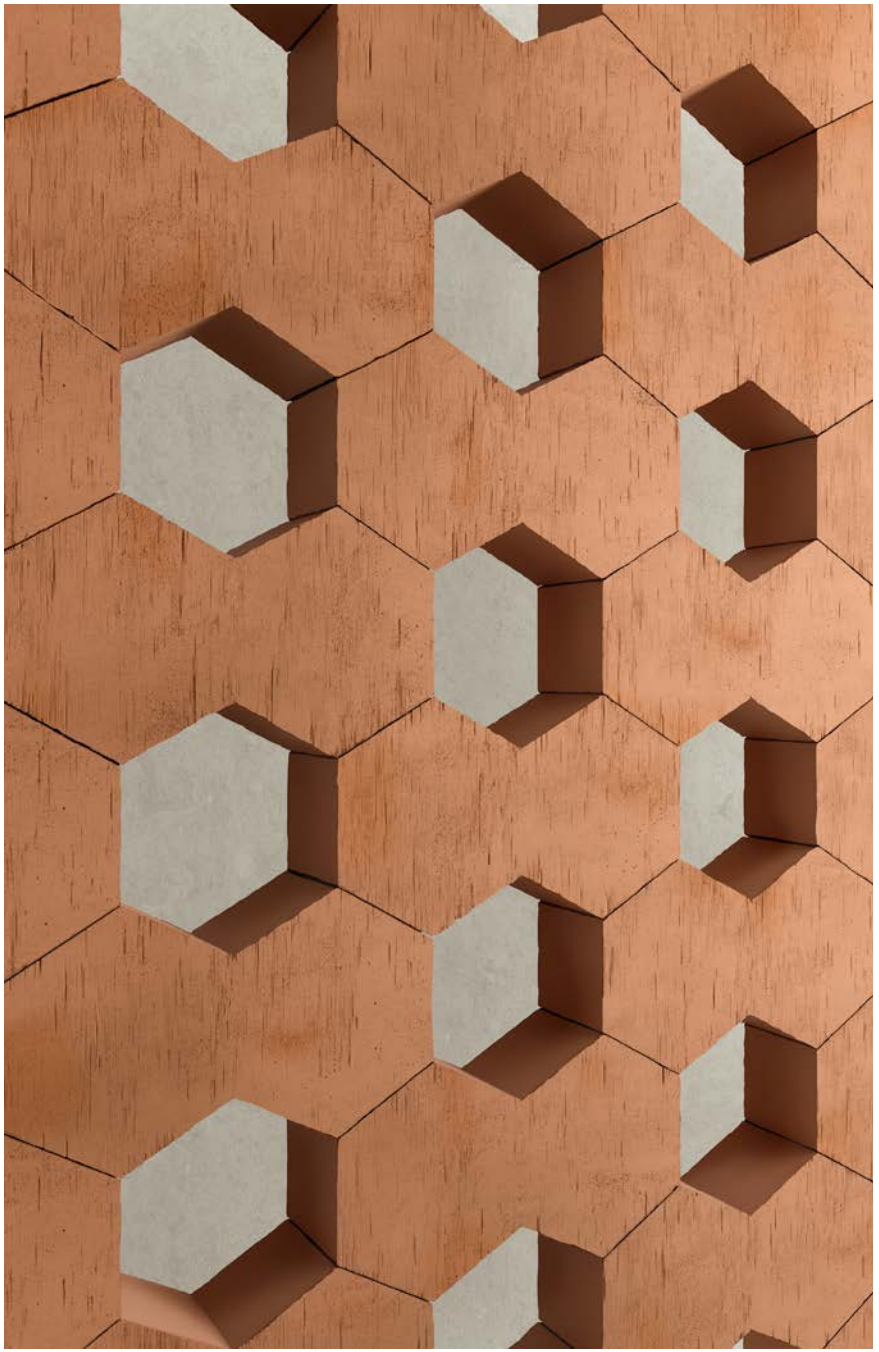
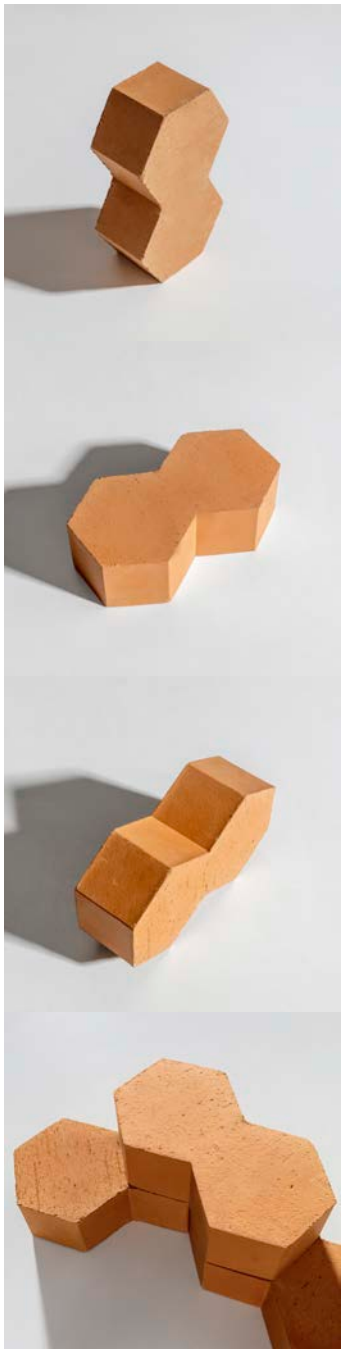
Hives features one single module: a hexagonal brick handcrafted in extruded terracotta. Konstantin Grcic drew inspiration for this element from beehives, the most efficient structures found in nature. The result is a functional 3D element with an organic geometry, available in 5”x9”x3”.

Hives can be used both indoor and outdoor, so long as under cover, placing the elements in different positions in order to create contemporary and innovative aesthetic solutions. The bricks can be installed in both upright or flat orientation to build dividing walls. They can be laid flush with each other or in a staggered arrangement, allowing for curved walls, columns, counters and table legs.







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About Hives
A talk with Konstantin Grcic

Hives is your first experiment with a 3D element for Mutina. What is it all about?

Fired bricks are amongst the most ancient building materials dating back to about 4000 b.C. It is incredibly fascinating to think that we are still using bricks today and I was thrilled about the opportunity to design one. The 3-dimensional aspect of bricks is quite different to tiles. Both elements are modules, however, a tile needs a support structure, whereas the brick is the structure itself.

Why did you choose the hexagonal shape?

I would have loved to design a rectangular brick, but that has already been done (smiles). The hexagon is interesting, because it is both geometric and organic. It looks technical, but it was invented by nature. Beehives are modelled from hexagons – it is the most efficient geometry to achieve an almost infinitely expandable structure.

Are there different ways in which you can use Hives?

You can use Hives in two different orientations – upright and flat. In the upright orientation, the hexagon creates the pattern of the wall. This application makes it possible to include small (hexagonal) openings in the wall. Using the brick in a flat orientation means that the hexagonal shape determines the structure and shape of the wall. Hives can be laid in courses and numerous patterns, also referred to as bonds. The bricks can be laid flush with each other or in a staggered arrangement. The angles of the hexagon make it possible to build curved walls and columns.

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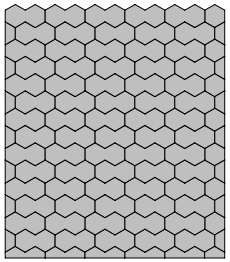
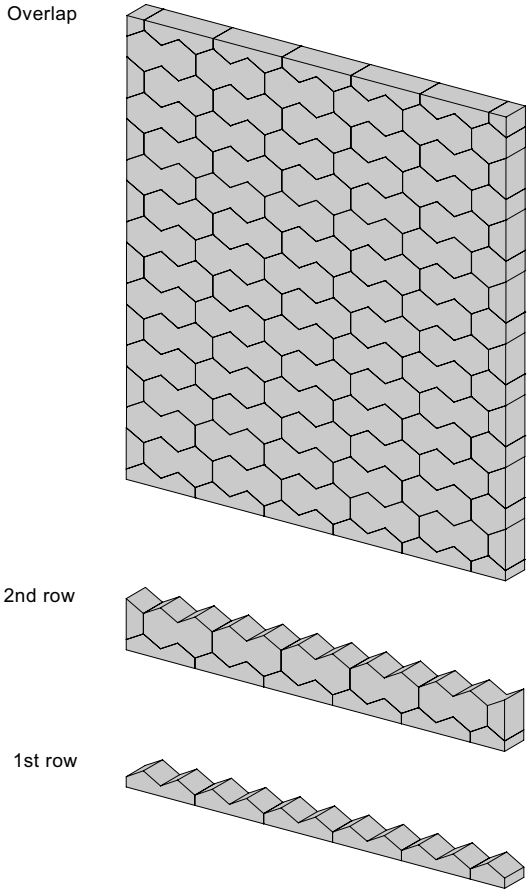
Laying Schemes

Hives can be used to build partition walls characterised by a pattern that plays with the juxtaposition of solids and voids.

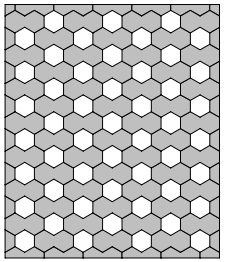
Scheme A: 45 pcs/ sqm



Section



Scheme B: 30 pcs/ sqm



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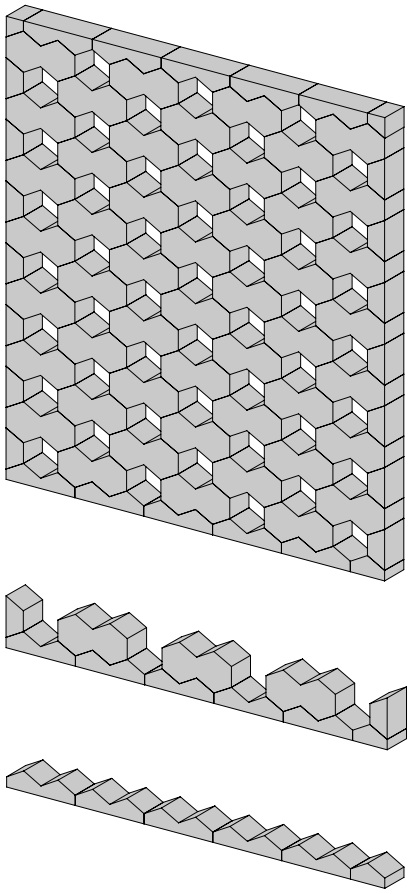

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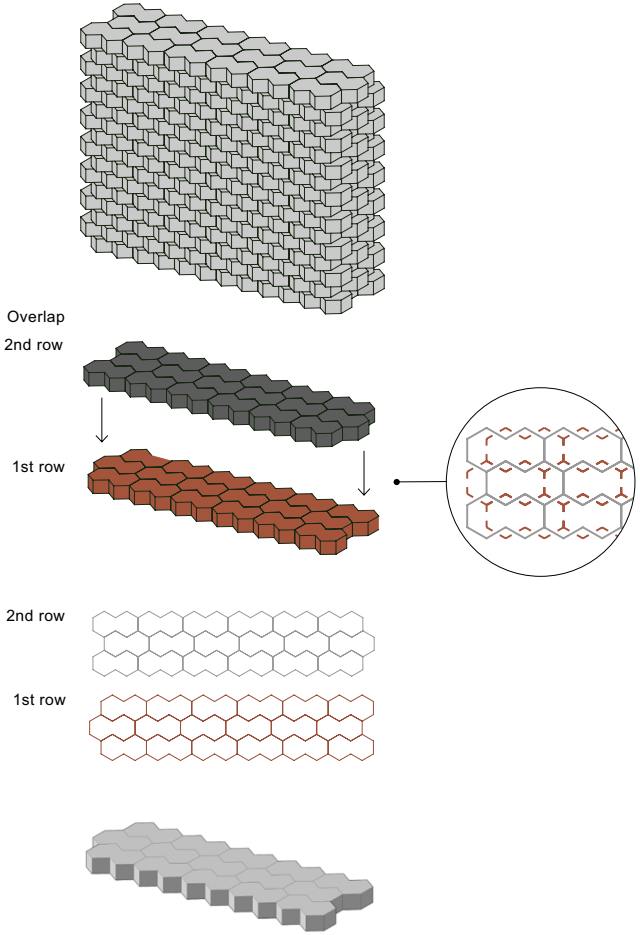
Laying Schemes

Hives elements can be places laid flush with each other or in a staggered arrangement. The angles of the hexagon make it possible to create modern and innovative columns.

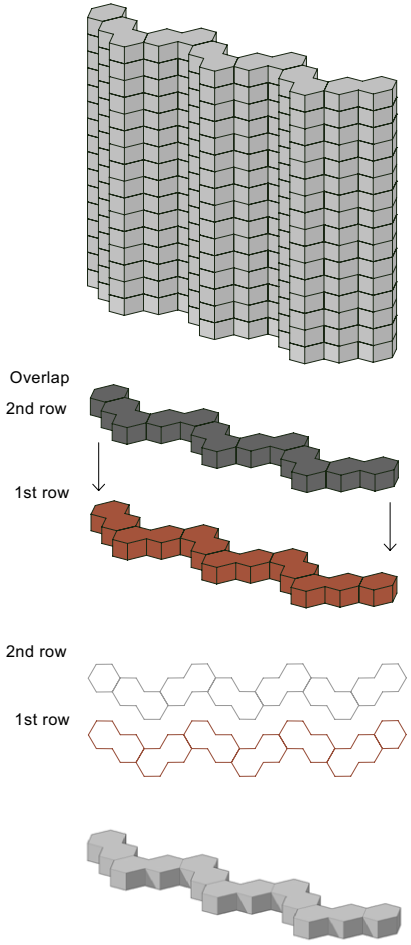
Placing Hives elements in flat orientation allows for highly decorative curved walls.

Hives can be used both indoor and outdoor, so long as under cover.

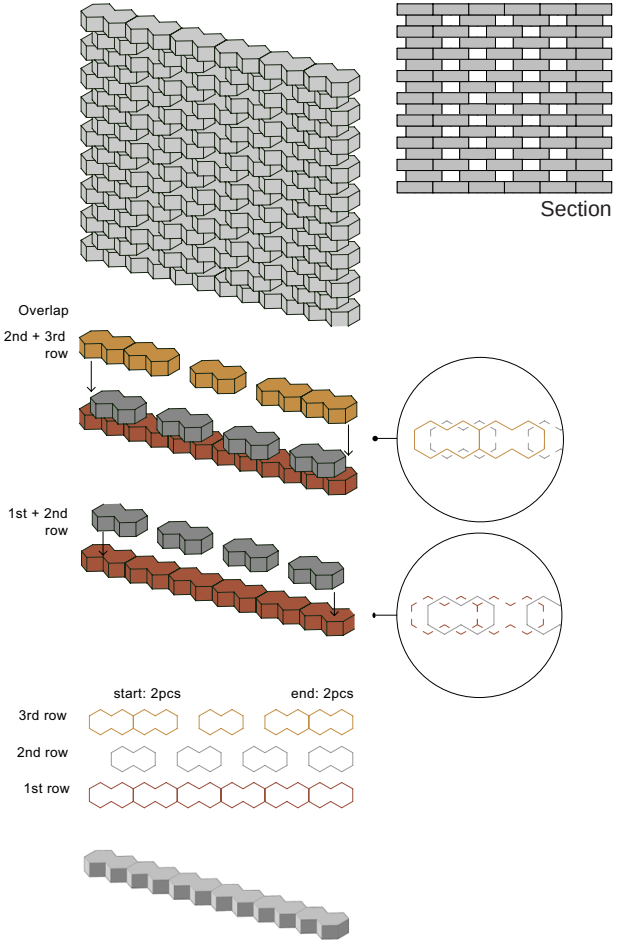
Scheme C: 61 pcs/ sqm
Staggered installation only



Scheme D: 186 pcs/ sqm
Staggered installation only



Scheme E: 61 pcs/ sqm (side column)
46 pcs/ sqm (side column)
Staggered installation only



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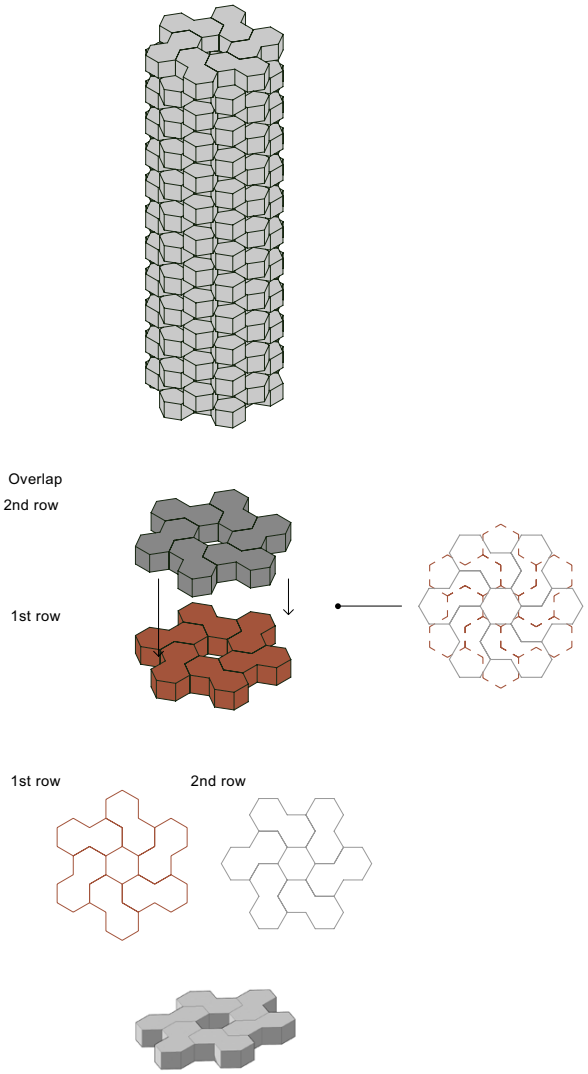
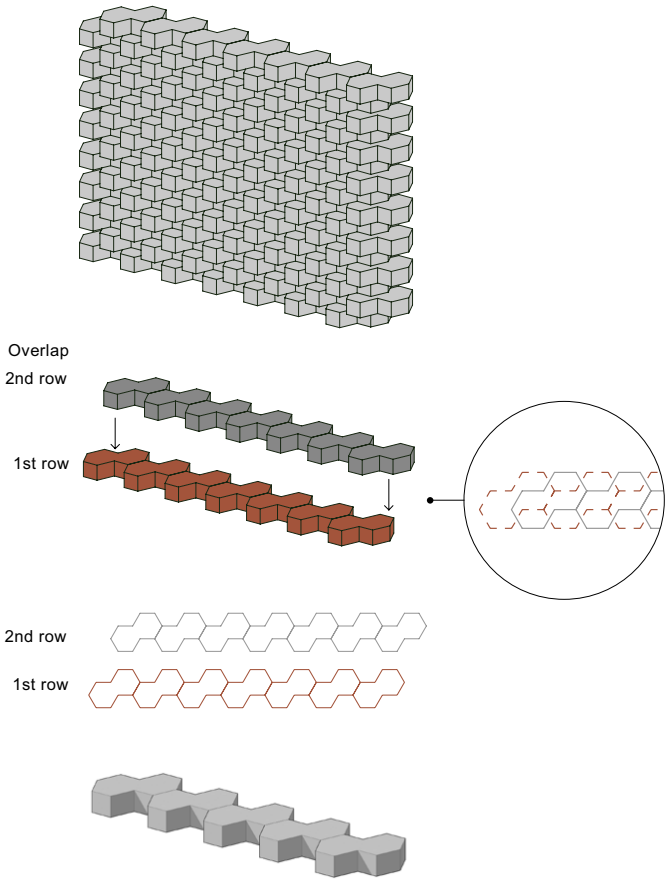
Laying Schemes

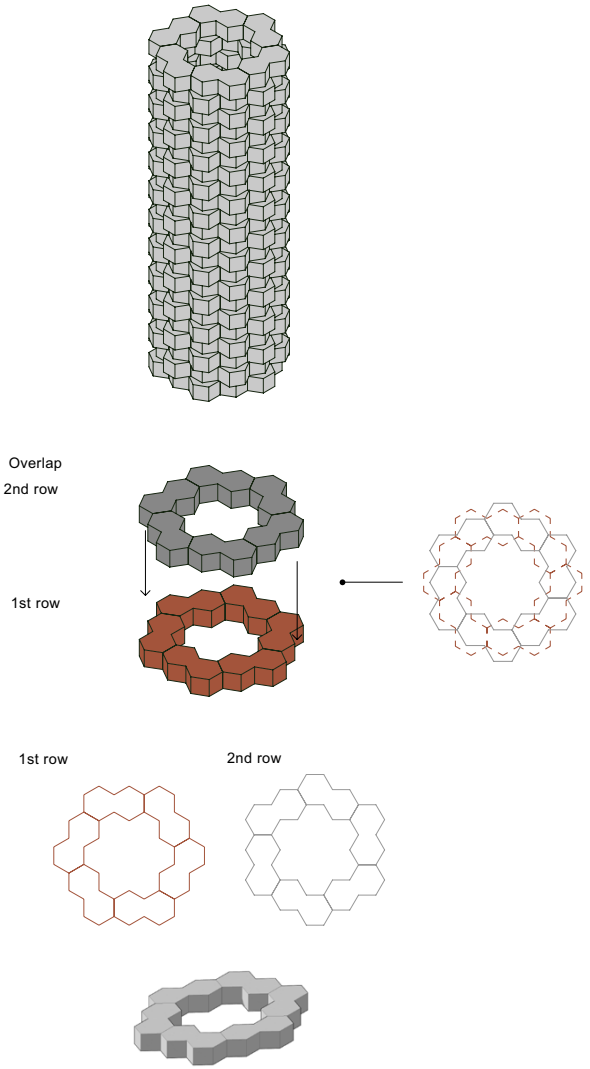
Scheme F: 61 pcs/ sqm
Staggered installation only



Scheme G: 84 pcs/ lm
Staggered installation only



Scheme H: 84 pcs/ lm
Staggered installation only



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Laying & Maintenance Tips

use	Wall – indoor, outdoor.
installation	For installation process see the installation video available on www.mutina.it
cleaning at the end of installation	Avoid drippings during installation. If needed the excess can be removed after the product has dried, using a tool with a sharp edge.
calibers (real size)	22,5 x 13,1 x 7 cm with 1-3 mm tolerance (artisanal product)

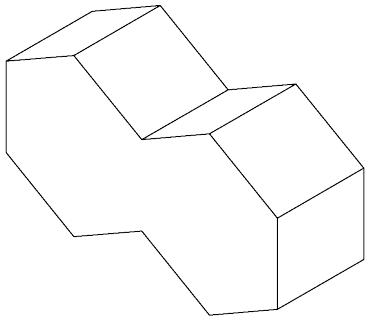
Technical Information

STANDARD	FEATURE S	VALUE REQUIRED	HIVES
UNI EN 772-16	dimensions	to declare	T2 – R2
UNI EN 772-21	water absorption	to declare	12,5%
UNI EN 772-5	content of active soluble salts	to declare	S2
UNI EN 772 - 22	freeze-thaw resistance	to declare	F1
D.M. 1401/2008	determination of horizontal variable loads	to declare	C2
LEED CE RTIFIC ATION 4. 1			10% recycled material
VOC Emissio n			available upon request
Declaration of Content s			available upon request
SDS			available upon request
BPD 3			available upon request
HPD			available upon request

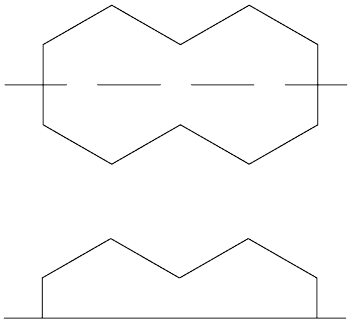
Carton Qty

SIZE	SQM· PALK	G·PALP	CS·PAL	PC·SQ MK	G·PC
13·22,5·7,5 cm	2,16	287,04	96	see laying scheme	2,99

Size

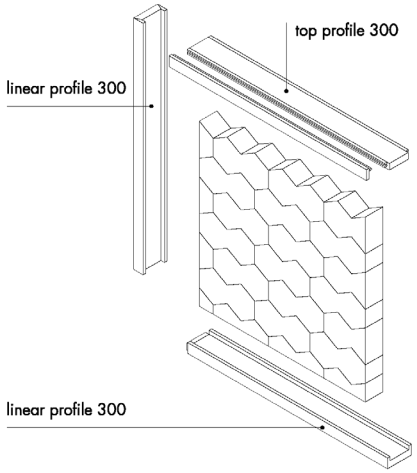


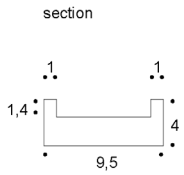
5''x9''x3''



At the base of laying scheme A and B, place a piece obtained by cutting Hives bricks in half on the long side.

Complementary Pieces





To make the installation of these items easier, a Mutina sealant is now available: an organic and eco-friendly sealing material, which is sold separately.

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