



COMPONENTS

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factory-produced components...



AQUARIAN
CLADDING SYSTEMS



The Gebrik Insulating Brick Cladding System is a factory-produced external walling system consisting of panels, corners, fixings and associated components.



Designed to create a lightweight, natural brick appearance, Gebrik insulates and protects a building from water penetration and is site-applied to buildings constructed of masonry, timber, steel frame or SIPs to clad new buildings or refurbish existing buildings.



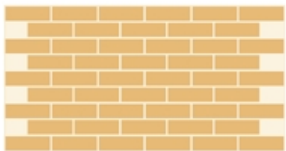
The composite panels and corners comprise of 15-20mm thick frost-resistant, clay brick slips, cast in polyurethane insulation and are supplied in Stretcher, Stack, Flemish or other bond formats. There is a range of approx 700 different brick choices in a variety of finishes and sizes; samples and details of which are available upon request. Alternatively, non-standard brick finishes can be developed subject to quantity and agreement with the manufacturer.



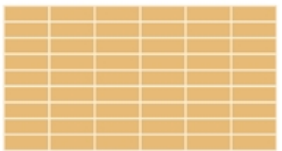
Gebrik's Insulating properties will help to significantly improve a building's thermal performance (it is proven to reduce a building's U-value by up to 60%) and keep wall thickness to a minimum. The insulating material is polyurethane (PUR) and uses pentane as its blowing agent and therefore does not release CFC or HCFC agents during manufacture. The PUR has a BREEAM element number of 815320017 and Green Guide rating of A.

Gebrik Panels

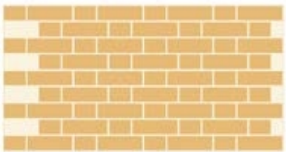
UK Format Panels



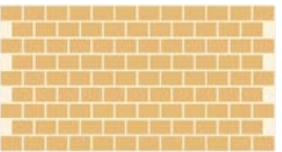
UK Type P



UK Type RP



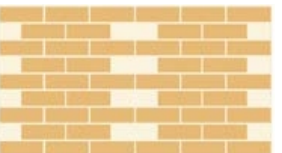
UK Type FP



UK Type KP



UK Type SP1*



UK Type SP1.5*

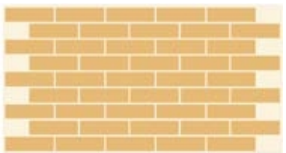
Brick Slip Dimensions (mm)

UK	215x65
61	240x65/66
R6	440x65
WF	215x50
R5	440x50

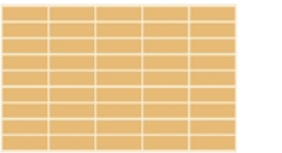
Panel Size Dimensions (mm)

UK	1350x675
61	1375x688
R6	1350x675
WF	1350x675
R5	1350x675

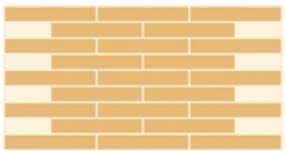
61, R6, WF, R5 Format Panels



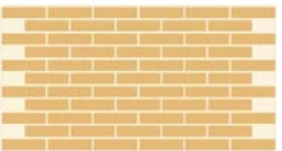
61 Type P



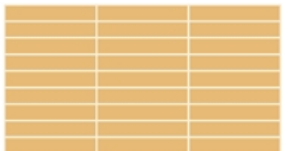
61 Type RP+



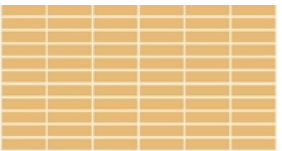
R6 Type P



WF Type P



R6 Type RP



WF Type RP

Panel Weight (kg)

UK	28-32
61	27-30
R6	30
WF	27-31
R5	29

*SP1 & SP1.5 panels are designed to be cut on site and used as infill pieces between full components, eg piers. Additional slips & adhesive are automatically calculated and included within the system.

Fixing requirements to suit building heights are as follows:

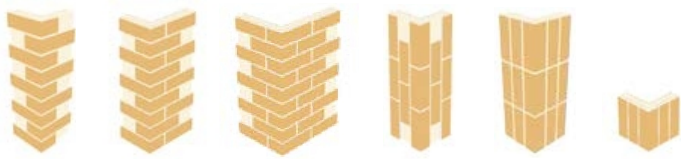
- 9no fixings per panel up to 10m, in 3 rows of 3
- 12no fixings per panel between 10 and 18m, in 3 rows of 4 or 4 columns of 3
- 16no fixings above 18m, in 4 rows of 4

External Corners

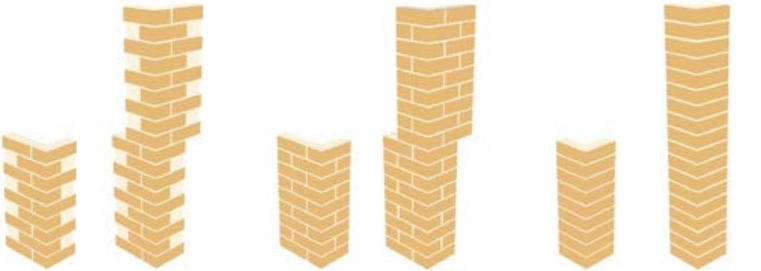
Corners are factory-produced by cutting and bonding flat panels with PU glue (coloured to tone with the brick face). Excess glue is removed mechanically at the factory and the corner when viewed from 3m is consistent in colour and flatness. The length of either side is a multiple of full and half bricks up to a maximum of 2 ½ bricks. Note that where bricks are cut, they will naturally reduce slightly in length and will also vary in dimension subject to specific brick type. Care should therefore be taken when producing setting-out drawings and when preparing the substrate on site. Alternatively, corners can be factory- or site-produced by applying brick slips and brick slip 'pistol' returns to L-shaped PU foam.

Please contact our Technical Department for project-specific guidance if required.

UK Format




Type	HE1/1	HE1/1.5	HE1.5/2	HE3-3@3	RE3-3@3	RE3-3@1
Length (mm)	213x213	213x325	325x438	215x215	215x215	215x215
Height (mm)	675	675	675	675	675	215



HE1/1.5

ST1/1.5

RE1/1



*PUE

ER Pistol

Brick Slip

Ringwasher

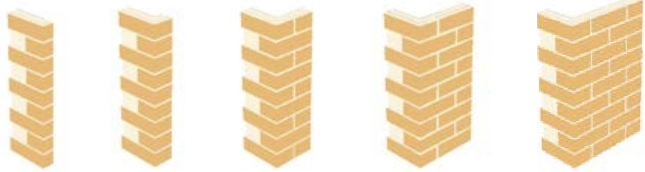
PUE 310/200

*PUE is available in a variety of lengths to suit brick dimensions

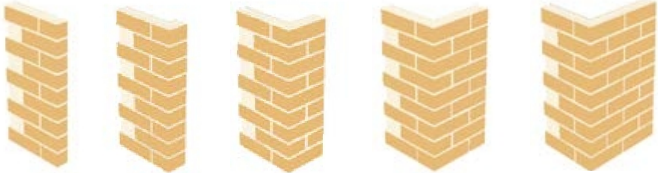
Jambs

Type FE & RE Jambs are produced in the same way as other corners, with leg dimensions typically in multiples of full or half bricks up to a maximum 2 ½ bricks long. One leg should produce a castellation with the adjoining (upper/lower) leg to maintain the bond pattern and the other leg to suit the depth of reveal.

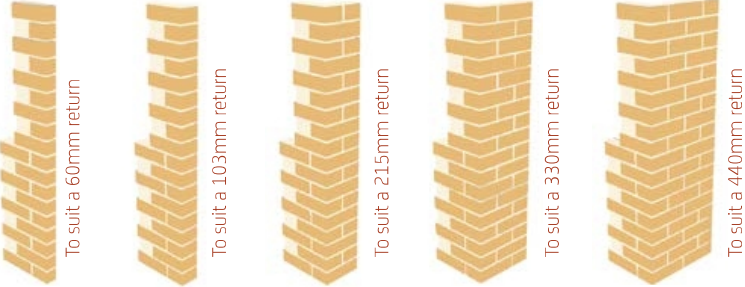
UK Format



Type	FE1/06	FE1/0.5	FE1/1	FE1/1.5	FE1/2
Length (mm)	213x60	213x100	213x213	213x325	213x438
Height (mm)	675	675	675	675	675



Type	FE1.5/06	FE1.5/0.5	FE1.5/1	FE1.5/1.5	FE1.5/2
Length (mm)	325x60	325x100	325x213	325x325	325x438
Height (mm)	675	675	675	675	675



To suit a 60mm return

To suit a 103mm return

To suit a 215mm return

To suit a 330mm return

To suit a 440mm return

Heads

Type HE & RE Heads are produced in the same way as other corners and typically suit brick coursing. It should be noted that the underside is produced from a multiple of 65mm coursing and the mortar joint is positioned centrally unless requested.

Care should be taken when applying slips to the underside and should be firmly anchored with temporary fixings & washers whilst the adhesive cures. Alternatively, consideration should be given to only using cast slips, e.g. HE3-3R@3 or HE3-3S@3.

UK Format



Type	HE3-1@3	RE3-1@3	RE1/06	RE1/00
Height/Depth (mm)	215x60	215x60	215x60	215x60
Width (mm)	675	675	675	675



Type	HE3-2@3	HE3-2R@3	RE3-2@3	RE1/0.5
Height/Depth (mm)	215x100	215x100	215x100	215x100
Width (mm)	675	675	675	675



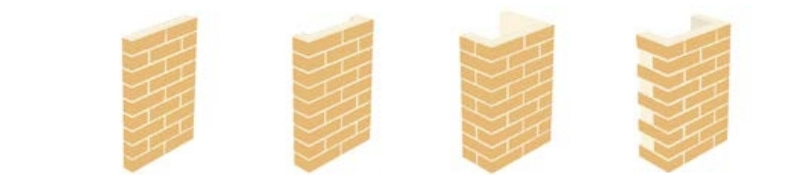
Type	HE3-3@3	HE3-3R@3	HE3-3S@3	RE3-3@3
Height/Depth (mm)	215x215	215x215	215x215	215x215
Width (mm)	675	675	675	675

U Elements

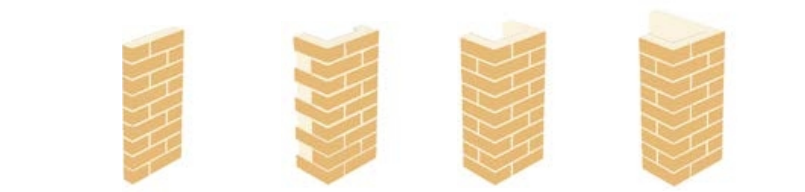
U Elements are produced in the same way as corners, with leg dimensions typically in multiples of full or half bricks to a maximum 2½ bricks long; they can also be produced to specific dimensions if required.

U Elements are ideal for use on soffits and beams. (Please note not all finishes are available in the illustrated U Elements).

UK Format



Type	UE06/2/06	UE0.5/2/0.5	UE1/2/1.5	UE(o)1/2/1(o)
Length (mm)	60/430/60	100/430/100	213/430/325	213/430/213
Height (mm)	675	675	675	675



Type	UE06/1.5/06	UE(o)1/1.5/0.5	UE1/1.5/1	UE1/1.5/2.5
Length (mm)	60/315/60	213/315/100	213/315/213	213/315/550
Height (mm)	675	675	675	675

