



Choose from over 100 standard
factory-produced components...

COMPONENTS





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 and protect existing buildings.



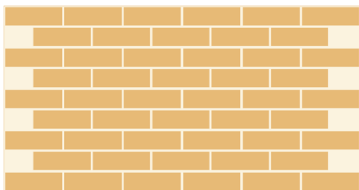
The composite panels and corners comprise of 15-20mm thick frost-resistant, clay brick slips, cast in polyurethane insulation and are supplied in Stretcher, Stack, Flemish or other bond formats. There is a range of approx 700 different brick choices in a variety of finishes and sizes; samples and details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



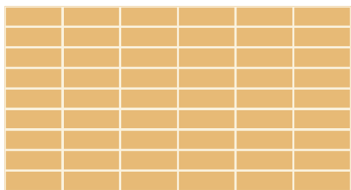
Gebrik's insulating properties will help to significantly improve a building's thermal performance (it is proven to reduce a building's U-value by up to 60%) and keep wall thickness to a minimum. The insulating material is polyurethane (PUR) and uses pentane as its blowing agent and therefore does not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

Gebrik Panels

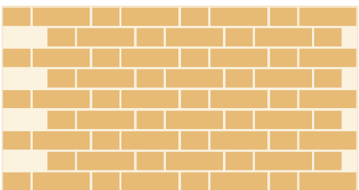
UK Format Panels



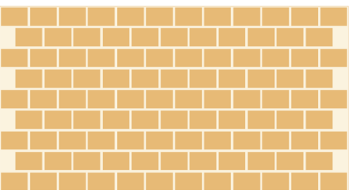
UK Type P



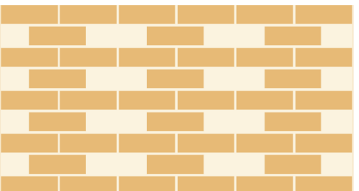
UK Type RP



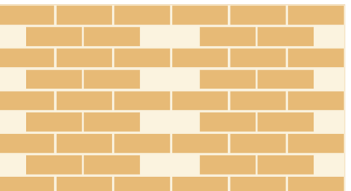
UK Type FP



UK Type KP



UK Type SP1*



UK Type SP1.5*

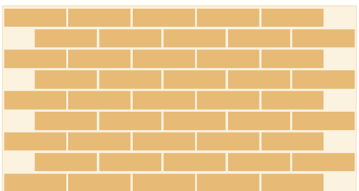
Brick Slip Dimensions (mm)

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

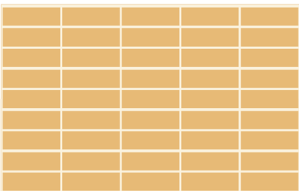
Panel Size Dimensions (mm)

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

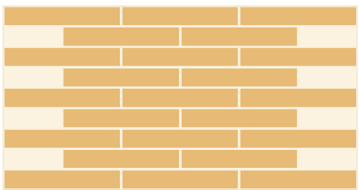
61, R6, WF, R5 Format Panels



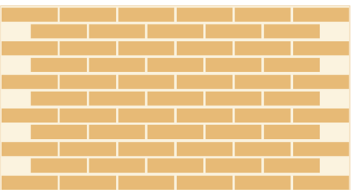
61 Type P



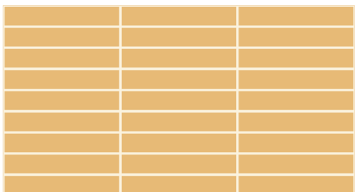
61 Type RP+



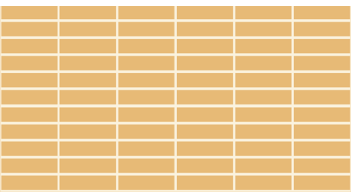
R6 Type P



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:

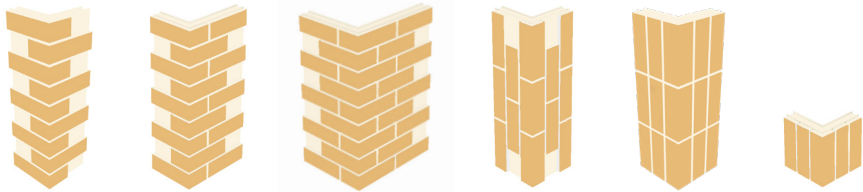
- 9no fixings per panel up to 10m, in 3 rows of 3
- 12no fixings per panel between 10 and 18m, in 3 rows of 4 or 4 columns of 3
- 16no fixings above 18m, in 4 rows of 4

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

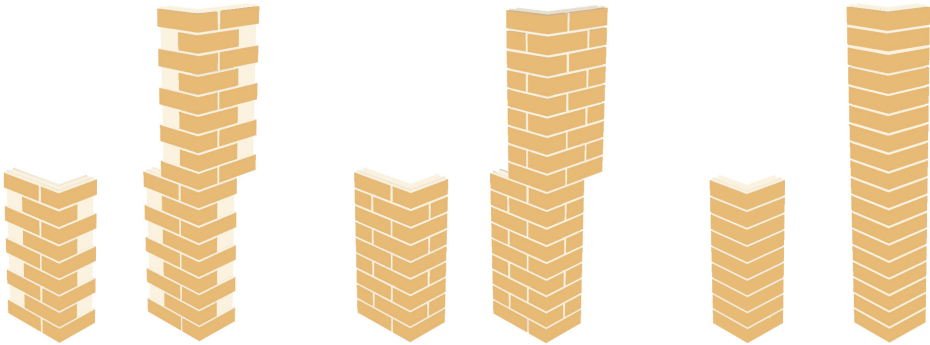


*PUE

ER Pistol

Brick Slip

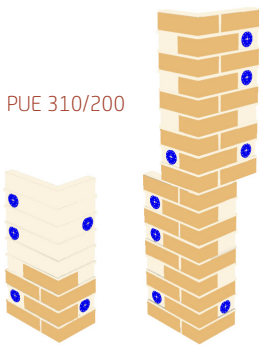
Ringwasher



HE1/1.5

ST1/1.5

RE1/1



PUE 310/200

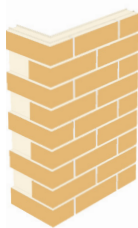
*PUE is available in a variety of lengths to suit brick dimensions

Jambs

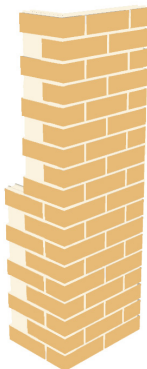
Type FE & RE Jambs are produced in the same way as other corners, with leg dimensions typically in multiples of full or half bricks up to a maximum 2 ½ bricks long. One leg should produce a castellation with the adjoining (upper/lower) leg to maintain the bond pattern and the other leg to suit the depth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

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

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
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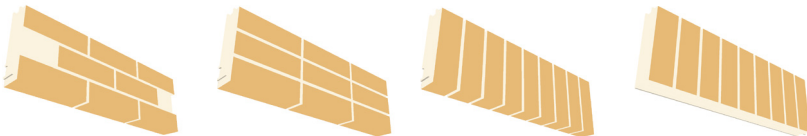
Heads

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.

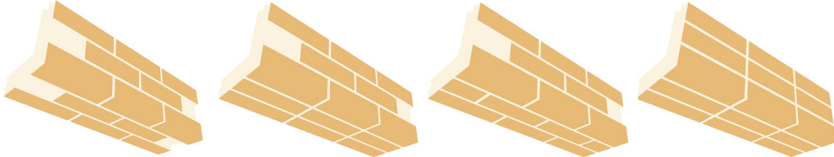
Care should be taken when applying slips to the underside and should be firmly anchored with temporary fixings & washers whilst the adhesive cures. Alternatively, consideration should be given to only using cast slips, e.g. HE3-3R@3 or HE3-3S@3.

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

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

Fixings & Accessories



Brickwork Dimensions 215mm Bricks

HORIZONTAL

Number of Bricks	CO + Joint	CO (Coordinating size)	CO - Joint	Number of Bricks	CO + Joint	CO (Coordinating size)	CO - Joint	Number of Bricks	CO + Joint	CO (Coordinating size)	CO - Joint
1	235	225	215	35	7885	7875	7865	69	15535	15525	15515
2	460	450	440	36	8110	8100	8090	70	15760	15750	15740
3	685	675	665	37	8335	8325	8315	71	15985	15975	15965
4	910	900	890	38	8560	8550	8540	72	16210	16200	16190
5	1135	1125	1115	39	8785	8775	8765	73	16435	16425	16415
6	1360	1350	1340	40	9010	9000	8990	74	16660	16650	16640
7	1585	1575	1565	41	9235	9225	9215	75	16885	16875	16865
8	1810	1800	1790	42	9460	9450	9440	76	17110	17100	17090
9	2035	2025	2015	43	9685	9675	9665	77	17335	17325	17315
10	2260	2250	2240	44	9910	9900	9890	78	17560	17550	17560
11	2485	2475	2465	45	10135	10125	10115	79	17785	17775	17765
12	2710	2700	2690	46	10360	10350	10340	80	18010	18000	17990
13	2935	2925	2915	47	10585	10575	10565	81	18235	18225	18215
14	3160	3150	3140	48	10810	10800	10790	82	18460	18450	18440
15	3385	3375	3365	49	11035	11025	11015	83	18685	18675	18665
16	3610	3600	3590	50	11260	11250	11240	84	18910	18900	18890
17	3835	3825	3815	51	11485	11475	11465	85	19135	19125	19115
18	4060	4050	4040	52	11710	11700	11690	86	19360	19350	19340
19	4285	4275	4265	53	11935	11925	11915	87	19585	19575	19565
20	4510	4500	4490	54	12160	12150	12140	88	19810	19800	19790
21	4735	4725	4715	55	12385	12375	12365	89	20035	20025	20015
22	4960	4950	4940	56	12610	12600	12590	90	20260	20250	20240
23	5185	5175	5165	57	12835	12825	12815	91	20485	20250	20465
24	5410	5400	5390	58	13060	13050	13040	92	20710	20700	20690
25	5635	5625	5615	59	13285	13275	13265	93	20935	20925	20915
26	5860	5850	5840	60	13510	13500	13490	94	21160	21150	21140
27	6085	6075	6065	61	13735	13725	13715	95	21385	21375	21365
28	6310	6300	6290	62	13960	13950	13940	96	21610	21600	21590
29	6535	6525	6515	63	14185	14175	14165	97	21835	21825	21815
30	6760	6750	6740	64	14410	14400	14390	98	22060	22050	22040
31	6985	6975	6965	65	14635	14625	14615	99	22285	22275	22265
32	7210	7200	7190	66	14860	14850	14840	100	22510	22500	22490
33	7435	7425	7415	67	15085	15075	15065				
34	7660	7650	7640	68	15310	15300	15290				

Course & Joint		17	1275	34	2550
1	75	18	1350	35	2625
2	150	19	1425	36	2700
3	225	20	1500	37	2775
4	300	21	1575	38	2850
5	375	22	1650	39	2925
6	450	23	1725	40	3000
7	525	24	1800	41	2075
8	600	25	1875	42	3150
9	675	26	1950	43	3225
10	750	27	2025	44	3300
11	825	28	2100	45	3375
12	900	29	2175	46	3450
13	975	30	2250	47	3525
14	1050	31	2325	48	3600
15	1125	32	2400	49	3675
16	1200	33	2475	50	3750

Size matters

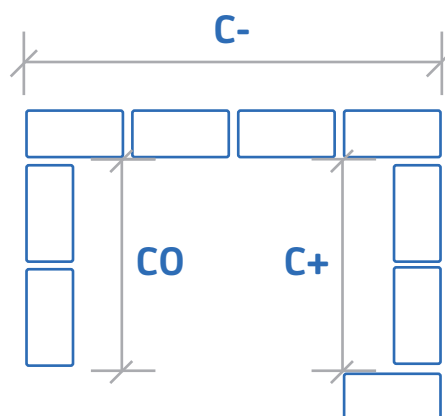
We recommend that these brick dimension tables are used during the design stage to avoid cut bricks. The tables are based on the British Standard Co-ordinating size of 225mm x 112.5 x 75mm, which includes 10mm joints (this size being determined by the term CO). Please consult our Technical Support team for guidance on bricks with other dimensions.

Find your fit

Though the Gebrik system can be adapted on site to suit a facade's dimensions, the system is far more time- and cost-effective if the elevations are designed to suit full brick dimensions, which will reduce wastage and labour.

Note that where bricks are cut to produced corners, 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.

Metric Coordinating Dimensions



C- : C minus joint
CO : Coordinating size
C+ : C plus joint

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