



Access control

The design, construction and finish of Robusta cantilever sliding gates are the result of the practical experience of professional installers backed by the technological know-how of Betafence.

Robusta[®] cantilever sliding gates

Benefits

Extensive range

There are 2 versions of cantilever sliding gate, the choice being determined by the size of the opening required. Each of the 2 types of gate, from 3 to 12m, can be equipped with Bekamatic motorisation.

Safety

The distance between the vertical bars is 110mm, to prevent climbing through. Fitting the roller system in the gate also avoids accidents.

Complete system

The cantilever sliding gate can also be used in conjunction with Swing gates and Robusta panels.

Harmony

Robusta gates integrate completely with all styles of architecture.

Security of Operation

Robusta gates are extremely rigid due to their section and the welded construction.

Ingenious tension system

An ingenious tension system is integrated in the frame of the cantilever sliding gates to guarantee a perfect line at all times.

Pre-assembled

Robusta cantilever sliding gates are fully pre-assembled at the factory to ensure a rapid and trouble free installation on the site. All gates are delivered on crane off-load vehicles.

Applications

Robusta cantilever sliding gates are suitable everywhere where operational safety and security have priority: factories and workshops, administrative centers, public buildings, play and sports grounds, public parks, airports and military sites.



Gate wing

- Welded structure.
- Provided with a cylinder lock (for manual gates)
- Security topping optional for all heights.
- The frame is provided at the top and the bottom with guiding rolls for a perfect entering in the end post bridge.
- Two sets of rolls in the underbeam for horizontal and vertical guiding.
- Some types of gates have a roll to support the gate in open condition.

Guidance of the gate

- Guiding posts and end posts with welded ground plates.
- The guiding posts have 2 guiding rolls at the top and an integrated baseplate for the installation of 1 set of guiding rolls that is situated in the underbeam.
- Special guiding posts with integrated electronics are used for motorisation.
- The end posts of the not motorised gate have a lock system integrated.

Tension system



An aesthetic tensioning system integrated in the frame guarantees a perfect line of the gate.

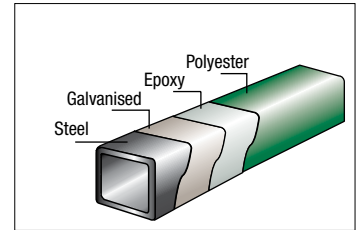
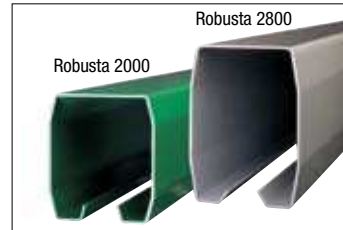
Coating

Robusta gates are treated with the best coating processes existing today: galvanised in and outside (minimum 275 g/m², 2 sides combined). Afterwards an adhesion coating is applied (epoxy) and finally the gates are plastic coated (polyester) (min. 120 micron both layers together).

Colours

Green RAL 6005 - White RAL 9010 - Grey RAL 7030

Other colours: on request.



TECHNICAL DETAILS

	Robusta 2000	Robusta 2800
Free passage	3 up to 7 m	8 up to 12 m
Underbeam	200 x 160 x 5 mm	280 x 200 x 5 mm
Frame	80 x 60 x 2 mm top side	100 x 100 x 3 mm top side
Frame	80 x 60 x 3 mm (7,5-9 m) vertical	100 x 80 x 3 mm vertical
Infill frame	25 x 25 x 1,5 mm	30 x 30 x 1,5 mm
Distance between bars	110 mm	110 mm
Guiding post bridge Manual	80 x 80 x 3 mm post bridge	100 x 100 x 3 mm post bridge
Motorised	integrated Bekamatic post inside 100 x 100 x 3 mm outside	integrated Bekamatic post inside 180 x 80 x 5 mm outside
End post bridge	80 x 80 x 3 mm post bridge	100 x 100 x 3 mm post bridge
Support roll (open position)	all types	all types



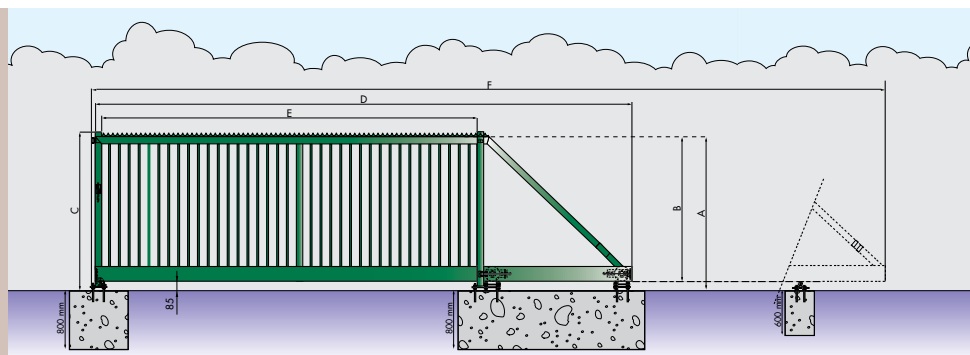
Robusta® cantilever sliding gates

R 2000

R 2800

ASSORTMENT ROBUSTA CANTILEVER SLIDING GATES

Opening x height mm	Weight kg	Gate height from foundation mm	Wing height mm	Post height mm	Wing width mm	Free passage mm	Overall length required mm
		A	B	C	D	E	F
3000 x 1000	238	1076	991	1156	4650	3058	8048
3000 x 1200	250	1279	1194	1359	4650	3058	8048
3000 x 1500	265	1557	1472	1637	4650	3058	8048
3000 x 1700	280	1790	1705	1870	4650	3058	8048
3000 x 2000	297	2030	1945	2110	4650	3058	8048
4000 x 1000	270	1076	991	1156	5918	4003	10261
4000 x 1200	283	1279	1194	1359	5918	4003	10261
4000 x 1500	300	1557	1472	1637	5918	4003	10261
4000 x 1700	317	1790	1705	1870	5918	4003	10261
4000 x 2000	336	2030	1945	2110	5918	4003	10261
5000 x 1000	298	1076	991	1156	7000	4948	12288
5000 x 1200	312	1279	1194	1359	7000	4948	12288
5000 x 1500	332	1557	1472	1637	7000	4948	12288
5000 x 1700	350	1790	1705	1870	7000	4948	12288
5000 x 2000	372	2030	1945	2110	7000	4948	12288
6000 x 1000	339	1076	991	1156	8410	6028	14778
6000 x 1200	355	1279	1194	1359	8410	6028	14778
6000 x 1500	377	1557	1472	1637	8410	6028	14778
6000 x 1700	397	1790	1705	1870	8410	6028	14778
6000 x 2000	421	2030	1945	2110	8410	6028	14778
6000 x 2400	521	2450	2365	2530	8410	6028	14778
7000 x 1000	379	1076	991	1156	9635	7108	17083
7000 x 1200	396	1279	1194	1359	9635	7108	17083
7000 x 1500	419	1557	1472	1637	9635	7108	17083
7000 x 1700	440	1790	1705	1870	9635	7108	17083
7000 x 2000	470	2030	1945	2110	9635	7108	17083
7000 x 2400	583	2450	2365	2530	9635	7108	17083
8000 x 1000	653	1076	991	1156	10925	7820	19105
8000 x 1200	681	1279	1194	1359	10925	7820	19105
8000 x 1500	720	1557	1472	1637	10925	7820	19105
8000 x 1700	754	1790	1705	1870	10925	7820	19105
8000 x 2000	796	2030	1945	2110	10925	7820	19105
8000 x 2400	853	2450	2365	2530	10925	7820	19105
9000 x 1000	728	1076	991	1156	12600	8900	21860
9000 x 1200	756	1279	1194	1359	12600	8900	21860
9000 x 1500	797	1557	1472	1637	12600	8900	21860
9000 x 1700	833	1790	1705	1870	12600	8900	21860
9000 x 2000	878	2030	1945	2110	12600	8900	21860
9000 x 2400	940	2450	2365	2530	12600	8945	21860
10000 x 1000	781	1076	991	1156	13700	9845	23905
10000 x 1200	814	1279	1194	1359	13700	9845	23905
10000 x 1500	859	1557	1472	1637	13700	9845	23905
10000 x 1700	901	1790	1705	1870	13700	9845	23905
10000 x 2000	950	2030	1945	2110	13700	9845	23905
10000 x 2400	1017	2450	2365	2530	13700	9845	23905
11000 x 1000	850	1076	991	1156	15070	11060	26490
11000 x 1200	885	1279	1194	1359	15070	11060	26490
11000 x 1500	933	1557	1472	1637	15070	11060	26490
11000 x 1700	978	1790	1705	1870	15070	11060	26490
11000 x 2000	1030	2030	1945	2110	15070	11060	26490
11000 x 2400	1103	2450	2365	2530	15070	11060	26490
12000 x 1000	886	1076	991	1156	15300	11600	27260
12000 x 1200	823	1279	1194	1359	15300	11600	27260
12000 x 1500	973	1557	1472	1637	15300	11600	27260
12000 x 1700	1021	1790	1705	1870	15300	11600	27260
12000 x 2000	1077	2030	1945	2110	15300	11600	27260
12000 x 2400	1153	2450	2365	2530	15300	11600	27260





Cantilever sliding gate

