



Arena sliding gate on rail

The Arena sliding gate on rail from Kopal was designed for the professional closure of wider passages. The wing runs on two steel wheels over a rail that is embedded in the ground. The Arena sliding gate has proven its solidity for years.

Due to the special shape of the lower beam, the entire wing gets an improved stiffness, both laterally and over the length of the wing. This makes the Arena sliding gate on rail much stronger than other comparable sliding gates for passages up to 12 meters.

The Arena sliding gate on rail has square bars that are placed diagonally, pass through the upper beam and are chamfered on top. This gives the gate extra stiffness, which makes it suitable for closing entries in a safe way.

The gate is available in all standard Kopal colours, but can also be delivered in another RAL colour, on demand.

Arena sliding gate



Construction

The Arena sliding gate on rail has a lower beam made of galvanized steel of 200/100 mm. The frame is built from steel tubular profiles of 60/60 mm. The bars are 25/25/1.5 mm and are placed diagonally. They go through the upper beam and surpass it by 175 mm. The distance between the bars is 15 cm a.o.a.

The gate wing is equipped with a butterfly lock with stainless steel cylinder and 3 keys. Two support wheels are provided for the guidance of the gate, which are built into the lower beam of the wing. The track of the gate is a steel rail type S7, which is poured into the concrete foundation. The ground clearance is about 6 cm.

Porches

Guidance porch and impact porch are made of tubular profiles of 80/80 mm on base plate for mounting on

concrete foundation. The guidance porch has two support wheels in plastic at the top. The impact porch has a catch fork at the top.

Finish

Galvanized and finished with a polyester powder coating. Additional parts are made of aluminum or stainless steel. Available in the standard Kopal colours, other RAL colours are available as an option.

Remarks

For larger passages or for high wind loads it is advisable to provide a second guide porch at 1.20 m distance from the first. It is therefore also important to provide a longer gate wing.

Standard heights Arena sliding gate on rail (m)	Standard passages Arena sliding gate on rail (m)
1.00	4.00
1.25	5.00
1.50	6.00
1.80	7.00
2.00	8.00
2.50	9.00
	10.00
	11.00
	12.00

STANDARD COLOURS	RAL CODE	
moss green	RAL 6005	
pine green	RAL 6009	
stone gray	RAL 7030	
quartz gray	RAL 7039	
anthracite gray	RAL 7016	
pure white	RAL 9010	
brillant black	RAL 9005bl	
mat black	RAL 9005m	
Other colours on demand		
Shown colours can differ from the true colours. Always use colour samples to choose your colour.		

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