



Ridder Sun Shading Screens Open Aluminium Black External (RSS 14 O AB E)

Product information		
Application	Outside	
Main Function	Daytime sun shading with ventilation	
System	Sliding and Hanging	
Composition	78% Polyolefin, 22% Aluminium	
Pattern	1 aluminium black, 1 open, 1 aluminium black, 2 open	
Yarn	Black yarns	
Flame retardant	No,	
Warranty	Three years for outdoor applications. See the Ridder Climate Screens limited warranty	
Mechanical properties	Value	Testing method
Screen weight	136 gr/m ²	
Width of strips	4 mm	
Physical properties	Value	Testing method
Shading level in direct light PAR*	46 %	Ridder Climate Screens method
Shading level in diffused light PAR*	50 %	Ridder Climate Screens method
Energy saving*	20 %	Ridder Climate Screens method

*PAR = 400 - 700 nm, accuracy +/- 1%



The Ridder Sun-Shading Screen prevents damage to crops from excessive sunlight.

This climate screen also saves energy and is able to prevent condensation from forming due to sudden drops in temperature.

Whether you are growing in a tropical climate or a temperate climate, with Ridder Sun Shading Screens your plants will thrive in a shady environment.

Screentype	Material		Composition		Shading level*		NEN 2675:2018			Energy saving*	NTA Class	Weight gr/m2
	Strips	Yarn	Polyolefin	Polyester	Direct	Diffuse	Direct	Diffuse	Horti Scatter			
Ridder Sun Shading Screens Open												
RSS 15 FR O	ALU	PET	39%	61%	55%	60%	-	-	-	23%	1	74
RSS 16 FR O	ALU	PET	39%	61%	66%	67%	68%	71%	13%	28%	1	87
RSS 17 FR O	ALU	PET	39%	61%	76%	78%	78%	79%	16%	30%	1	96
RSS 15 O	PET/ALU	PET	54%	46%	52%	55%	-	-	-	23%	-	65
RSS 16 O	PET/ALU	PET	46%	54%	60%	63%	-	-	-	28%	-	65
RSS 17 O	PET/ALU	PET	55%	45%	70%	73%	-	-	-	30%	-	73
Ridder Sun Shading Screens Open Aluminium Black External												
RSS 14 O AB E	ALU	PE	78%	22% alu	46%	50%	-	-	-	20%	-	136
RSS 15 O AB E	ALU	PE	73%	27% alu	58%	62%	-	-	-	23%	-	144
RSS 16 O AB E	ALU	PE	68%	32% alu	68%	70%	-	-	-	25%	-	156
Side Hanging cloth for RES, RLD & RSS cloths	Material		Length of roll		Shading level*		NEN 2675:2018			Energy saving*	NTA Class	gr/m2
Ridder White FR	Polyester		± 150,00m		Direct	Diffuse	Direct	Diffuse	Horti Scatter			
Ridder White FR	Polyester		± 150,00m		55%	55%	-	-	-	43%	1	195

*According to Ridder Climate Screens