FlexiRoof
Pool Cover Systems

Available in 6 options

Light *affordable entry-level model for self-assembly*

Premium *high-quality, long-lasting all-round pool cover in premium quality*

Premium Plus *with the plus of optics (Premium Plus Clear with clear glass); with very high thermal insulation and even more stability (Premium Plus)*

	Light Bausatz	Premium	Premium Winter	Premium Plus Clear	Premium Plus	Premium Plus Winter
intended utilisation period	all year	all year	Autumn, Winter, Spring	all year	all year	Autumn, Winter, Spring
Statics						
Bearable snow load	up to 5 cm dry fresh snow [1]	up to 40 cm dry fresh snow [1]	up to 40 cm dry fresh snow [1]	up to 20 cm dry fresh snow [1]	up to 50 cm dry fresh snow [1]	up to 50 cm dry fresh snow [1]
Carries an infant up to 5 years (kg?)	Yes	Yes	Yes	Yes	Yes	Yes
Carries a pet or straying animals	Yes	Yes	Yes	Yes	Yes	Yes
Technical structure						
Material of the sidt wall	Polycarbonat **	Aluminium*	Aluminium*	Aluminium*	Aluminium*	Aluminium*
Material of the glass plate	Polycarbonat **	Polycarbonat **	Polycarbonat **	polycarbonate solid sheet „clear glass" **	polycarbonate multi-well plate **	polycarbonate multi-well plate **
Number of insulating chambers	1	4	4	0	8	8
Panel thickness	6 mm	16 mm	16 mm	4 mm	25 mm	25 mm
Materials used	Stainless steel, aluminum, polycarbonate	Stainless steel, aluminum, polycarbonate	Stainless steel, aluminum, polycarbonate	Stainless steel, aluminum, polycarbonate	Stainless steel, aluminum, polycarbonate	Stainless steel, aluminum, polycarbonate
Open / close	manually	manually	manually	manually	manually	manually
Element weight (pool width 3.50 m)	approx. 10 kg [2]	approx. 22 kg [2]	approx. 20 kg [2]	approx. 30 kg [2]	approx. 28 kg [2]	approx. 26 kg [2]
Characteristics						
Swimming without roofing	Yes	Yes	Yes	Yes	Yes	Yes
Swimming under enclosure	Yes	Yes [3]	Yes [3]	Yes	Yes	Yes
Pool access time	less than 5 Seconds	less than 5 Seconds	less than 5 Seconds	less than 5 Seconds	less than 5 Seconds	less than 5 Seconds
Possibility to remove canopy completely	Yes	Yes	Yes	Yes	Yes	Yes
Weight to lift during opening and closing	approx. 5 kg [2]	approx. 11 kg [2]	approx. 10 kg [2]	approx. 15 kg [2]	approx. 14 kg [2]	approx. 13 kg [2]
Guiding elements on the floor	No	No	No	No	No	No
Movable due to installed wheels	Yes	Yes	No	Yes	Yes	No
Thermal insulation						
Thermal insulation	4,0 W/m²K	2,0 W/m²K	2,0 W/m²K	less than 5,5 W/m²K	1,4 W/m²K	1,4 W/m²K
Uses solar radiation as heat source	Yes	Yes	Yes	Yes	Yes	Yes
Cooling caused by rainwater	No	No	No	No	No	No
Protection from evaporation	Yes	Yes	Yes	Yes	Yes	Yes
Pollution						
Foreign objects, dirt and small animal catcher material	plastic	plastic brush	No	plastic brush	plastic brush	No
Prevention of dirt, dust and leaves getting into the water	Yes	Yes	Yes	Yes	Yes	Yes
Potential pollution while opening	No	No	No	No	No	No
Displacement prevention						
Elements connectable to one unit	with screws	with tension strap	with tension strap	with tension strap	with tension strap	with tension strap
Anchoring in concrete foundation	Yes	Yes	Yes	Yes	Yes	Yes
Optics						
appealing overall appearance	Yes	Yes	Yes	Yes	Yes	Yes
extra elegant appearance through exact geometry	No	Yes	Yes	Yes, Klarglas	Yes	Yes
Possible sizes						
Max. pool width	4,05 meters	12 meters	12 meters	4 meters	4 meters	4 meters
Pool length	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Graduation of the length	1,06 meters	20 cm	20 cm	1,03 m	20 cm	20 cm
Crown height at a 3.50 meters pool width	43 cm	43 cm	43 cm	43 cm	46 cm	46 cm
Adjustable to pool width	Yes, in 50 cm steps	yes, freely definable	yes, freely definable	No, available in 3,00 / 3,50 / 4,00 m	No, grid dimension	No, grid dimension
Crown height freely selectable	No	Yes, kleinste Höhe 30 cm	Yes, kleinste Höhe 30 cm	No	No	No
Applicable for round pools	Yes	Yes	Yes	Yes	Yes	Yes
Applicable for rectangular pools	Yes	Yes	Yes	Yes	Yes	Yes
Applicable for ctagon pools	Yes	Yes	Yes	Yes	Yes	Yes
Roman / Greek stairs long and short side	only short side	Yes	Yes	up to max. 4,00 m pool width	Yes	Yes
Lifespan of product						
Weather resistant, can be used for many years	Yes	Yes	Yes	Yes	Yes	Yes
Damage by hail warranty	up to 10 years	up to 10 years	up to 10 years	up to 10 years	up to 10 years	up to 10 years

[1] no liability, because snow load (weight) varies greatly depending on type and density [2] at a span of 3.89 m [3] pool width 3.00 m and smaller with adaptation * stand surfaces: signs of use occur during use **production-related optical irregularities can not be excluded