

Performance data of different glass combinations

Light and energy performance data

Overview of different glass combinations

Triple-glazed

6 mm PLX – 29 – 4 mm PLT ULTRA N – 12 (K) – 6 mm PLT ULTRA N *				
Sun	Louvre	g-value	LT	LT _{diff}
60°	horizontal	11 %	6 %	26 %
30°	cut/off 18°	21 %	21 %	25 %
15°	cut/off 41°	15 %	11 %	21 %
15°	Closed	4 %	1 %	3 %
0°	cut/off 58°	11 %	8 %	12 %
0°	closed	5 %	1 %	3 %

The data has been determined by the Technical University of Berlin, Light technology department with respect to measured values and standardized conditions in EN 410 using a simulation program.

* louvre SC 06

 Performance data of different glass combinations
Double-glazed

6 mm PLX– 29 (A) – 4 mm PLT ULTRA N *				
Sun	Louvre	g-value	LT	LT _{diff}
60°	horizontal	19 %	8 %	33 %
30°	cut/off 18°	30 %	24 %	32 %
15°	cut/off 41°	23 %	13 %	26 %
15°	Closed	8 %	1 %	4 %
0°	cut/off 58 °	18 %	9 %	15 %
0°	closed	9 %	2 %	4 %

The data has been determined by the Technical University of Berlin, Light technology department with respect to measured values and standardized conditions in EN 410 using a simulation program.

* *louvre SC 06*

 Performance data of different glass combinations
Double-glazed solar control glass outer sheet

6 mm ST 150 – 29 (A) – 4 mm PLT ULTRA N *				
Sun	Louvre	g-value	LT	LT _{diff}
60°	horizontal	14 %	5 %	19 %
30°	cut/off 18°	20 %	14 %	19 %
15°	cut/off 41°	16 %	7 %	15 %
15°	closed	7 %	1 %	3 %
0°	cut/off 58 °	13 %	5 %	9 %
0°	closed	8 %	1 %	3 %

The data has been determined by the Technical University of Berlin, Light technology department with respect to measured values and standardized conditions in EN 410 using a simulation program.

* *louvre SC 06*