

10 mm 10mm-10mm glazings

10mm 10mm-10mm glazings are used in fire resistant glazing applications. They provide fire resistance and sound insulation. The fire resistance is tested according to EN 1363-1 and EN 1363-2. The sound insulation is tested according to EN ISO 140-3. The fire resistance is tested for 30, 60, 90, 120, and 180 minutes. The sound insulation is tested for 1000 Hz and 125 Hz. The fire resistance is tested for 1000°C. The sound insulation is tested for 1000 Hz and 125 Hz.

10mm 10mm-10mm glazings:

1. 10mm 10mm-10mm (c 10mm)

10mm: 5mm 6mm 8mm 10mm 12mm 15mm

10mm 10mm-10mm: 30 180

SGG SINGLE LAYER FIRE RESISTANCE GLASS				
Thickness	Performance	Fire Proof Time (Mins)	Weight (KG/SQM)	Fire Resistant Temperature (°C)
5	Class C Fire Glass	30;60;90	12.5	≥1000
6	Class C Fire Glass	30;60;90;120	15	≥1000
8	Class C Fire Glass	30;60;90;120;180	20	≥1000
10	Class C Fire Glass	30;60;90;120	25	≥1000
12	Class C Fire Glass	30;60;90;120	30	≥1000
15	Class C Fire Glass	30;60;90;120;180	37.5	≥1000

2. 10mm 10mm-10mm (10mm)

10mm: 16mm 20mm 26mm 30mm 36mm 60 mm

10mm 10mm-10mm: 30 180 mins

SGG DOUBLE LAYER FIRE RESISTANCE GLASS						
Thickness	Performance	Fire Insulation Max Time(Mins)	Weight (KG/SQM)	Fire Side Temperature(°C)	Opposit Fire Side Temperature(°C)	Sound Insulation
60±2.0	A3.00 super Grade	180	≈80	1113	< 129	≈60
36±2.0	A2.00 I Grade	120	≈55	1060	< 140	≈60
30±1.5	A1.50 I Grade	90	≈50	1017	< 120	≈55
26±1.5	A1.50 I Grade(A CLASS)	60; 90	≈45	1017	< 120	≈55
20±1.3	A1.00 I Grade(B CLASS)	45; 60	≈35	939	< 100	≈35
16±1.0	A0.50 IV Grade	30; 46	≈30	920	< 140	≈35

10mm 10mm-10mm:

1. 10mm 10mm-10mm: 30 60 90 120

2. 10mm 10mm-10mm 1000°C 10mm 10mm-10mm 1000°C 10mm 10mm-10mm 1000°C

3. 10mm 10mm-10mm, 10mm 10mm-10mm, 10mm 10mm-10mm, 10mm 10mm-10mm, 10mm 10mm-10mm
 10mm: 10mm 10mm-10mm 2-3 10mm 10mm-10mm 6-12 10mm 10mm-10mm.

4. 10mm 10mm-10mm 10mm 10mm-10mm 10mm 10mm-10mm 10mm 10mm-10mm

5.10 mm

6.



10mm