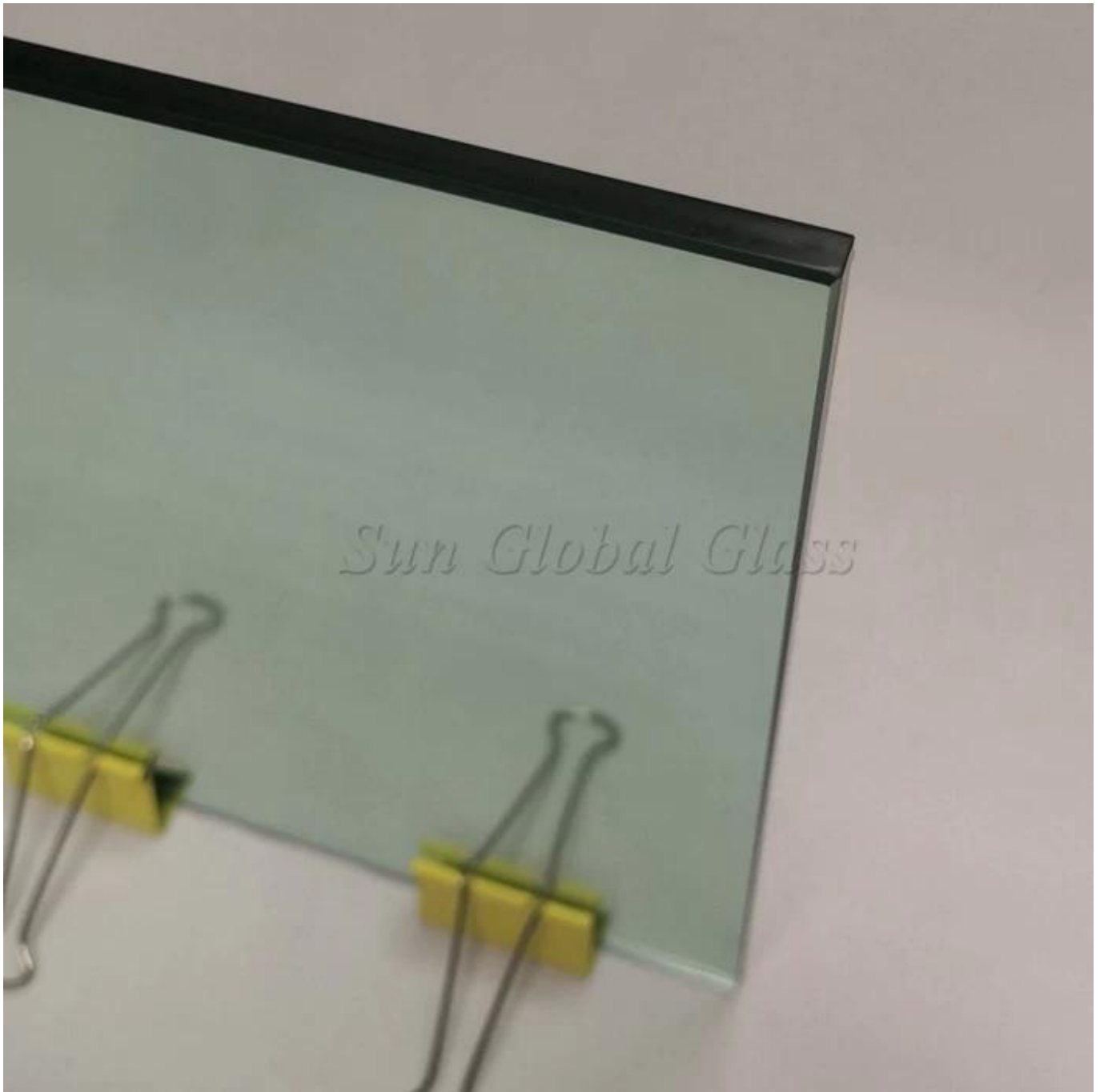# SZG 8mm F Green Toughened Float Glass--- Best Tempered Glass Brand for Highrise Commercial Builiding Suppliers and Manufacturers in China

The production procedure of half tempered Glass is customized product and similar to Tempered Glass process. 8mm light green HS float glass is to produce **8mm F green float glass** through high temperature and quenching, make the surface layer less than 69 MPa compressive stress. Through this way, the mechanical strength of glass increased several times. Heat Strengthened glass surface stress is around 24 ~ 69 Mpa.

Features of half toughened glass:

1. Heat-strengthened glass don't exist spontaneous explosion.

2. Tempered float glass is with 2 times strength than ordinary annealed glass.

3. Toughened float glass is a typically specific glass when additional strength is needed to resist wind pressure, thermal stress.

4. When broken occurred, the semi toughened glass fragments are more similar in size and shape to annealed glass fragments and thus tend to stay in the opening longer than fully tempered glass particles.

HEAT-STENGTHENED
GLASS BREAK
3 -5 pieces —break to edge
No glass islands
Should not evacuate opening

TEMPERED GLASS BREAK

Specification:

Max Size: 3300mm*13000mm, customized size based on clients' drawing

Other thickness glass: 4mm light green HS glass, 5mm light green HS glass, 6mm light green HS glass, 10mm light green HS glass etc

Application:

Heat strengthened glass mostly use as inner side of laminated glass, insulated glass, and use widely as glass facade, glass curtain wall etc, 8mm F green HS glass have following application:

1. Glass window

2. Glass door

3. Glass partition

Quality Standard:

8mm light green half toughened glass are produced strictly under ISO9001 Quality System and have passed following domestic and abroad quality standards:

1. 8mm green heat strengthened glass meet CCC(Chinese Safety Glass Compulsory Certification)

2. 8mm green heat strengthened glass meet China float glass standard GB11614 and quality standard GB15763.2.

3. 8mm green heat strengthened glass meet meet European safety glass standard EN12150.