

# Low Iron Glass: Market Shares, Strategies, and Forecasts, Worldwide, 2015-2021

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### Low Iron Glass Executive Summary

There is plenty of low iron glass manufacturing capacity worldwide to make the Concentrated Solar Power (CSP) components, though there are some regional shortages. The quality of concentrated solar panel collectors is increasing with the rate anticipated to increase further creating continued strong demand for low iron glass. Strong demand will create economies of scale, lowering prices. The use of low iron glass for decorative purposes will continue to drive market growth..

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**TABLE 3-22**

**• GUARDIAN COPPER ACCELERATED ACETIC ACID SALT SPRAY (CASS) TEST**

- Mirrors passed 3500 hours of CASS test without any corrosion
- Backing glass of this design is hermetic
- No possibility for developing corrosion spots through the backing glass
- Edges of the silver and copper metal layers are deleted in the design
- Enabling of the PVB to adhere directly to the glass at edges
- Form a good seal without introducing additional sealer of different type materials.

**Source: WinterGreen Research, Inc.**

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**TABLE 3-24**

**• GUARDIAN HUMIDITY TEST**

- Mirrors passed 3500 hours of constant humidity test
- Without any corrosion
- Without delamination.

**Source: WinterGreen Research, Inc.**

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**FIGURE 5-17**

**PILKINGTON LOW-IRON CLEAR FLOAT GLASS FEATURES**

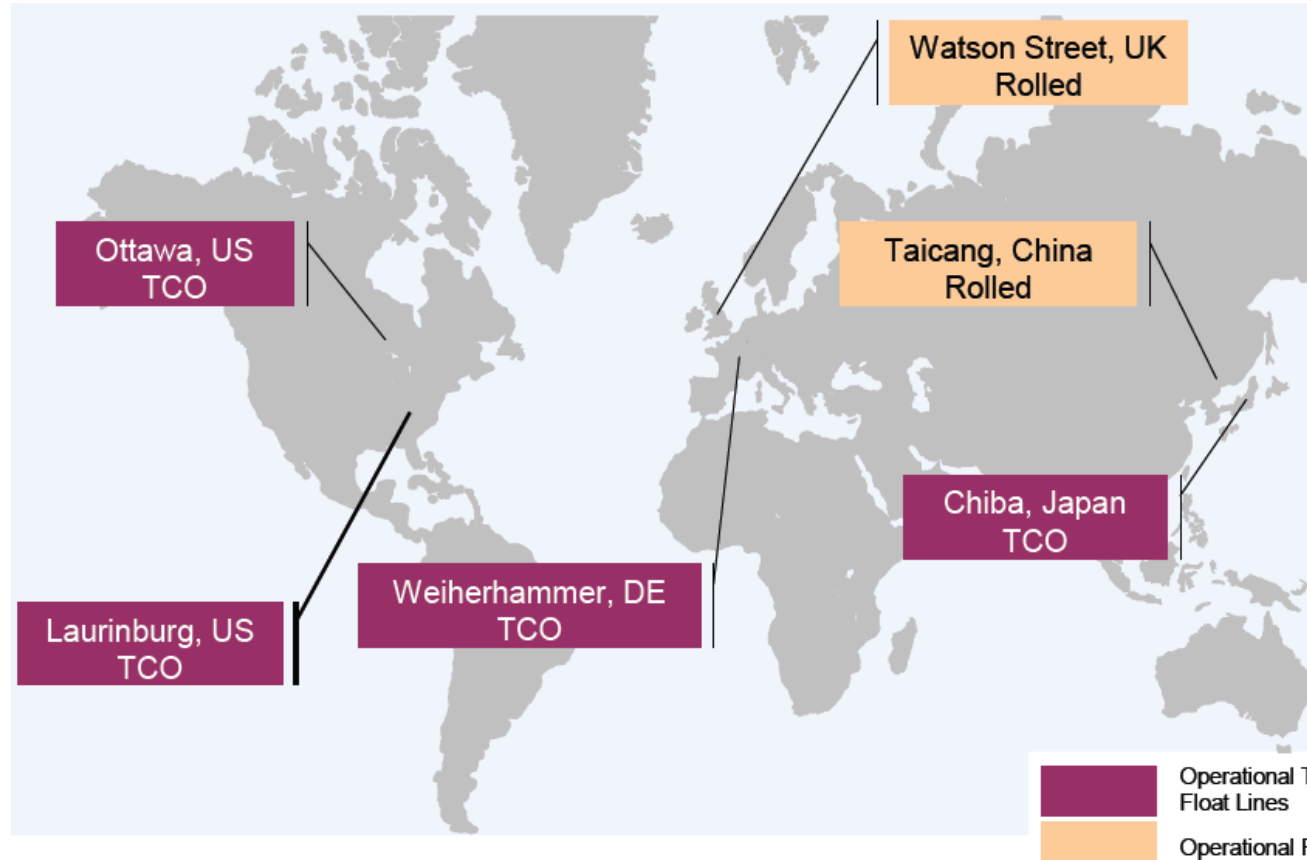
- Ensures a more natural, brighter view
- Improves aesthetics of laminated glass
- Made to consistent quality and performance
- Can be toughened or laminated
- Can be combined with other products

**SOURCE: WINTERGREEN RESEARCH, INC.**

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