China Low-E Glass Industry Report, 2009

Description: China is a big consumer of energy. Its construction energy consumption reaches 500 million tons of standard coal annually, accounting for 27% of the total; besides, it is still increasing 5.84% above annually, much faster than the energy production growth rate. The energy consumed by glass doors and windows takes approximately 40% of the total construction energy consumption. Based on a rough calculation, the energy consumption by glass accounts for 8% of the total energy consumption. The improving of glass energy-saving performance has become the key to achieving construction energy saving.

Low-E glass was introduced into China in 2001. Its market demand has grown fastest among all energy-saving glass products in recent years. Its production lines are mainly concentrated in such manufacturers as CSG Holding Co., Ltd., China Yaohua Glass Group Corporation, Shanghai Yaohua Pilkington Glass Co., Ltd., Weihai Blue Star Glass Holding Co., Ltd., Fuyao Group Glass Industries Co., Ltd, etc. During the period of 2008 to 2009, more and more glass producers have introduced Low-E glass production lines, and the existing Low-E glass producers are also expanding their capacity. It is expected that China's demand for Low-E glass by 2010 will amount to nearly 100 million square meters. The Low-E glass output in 2008 was 38.8 m², the figure in 2009 will be 51.9 million m², and the figure at the end of 2010 will reach 80 million m² based on the current growth rate of capacity. In contrast to the huge domestic demand, there is a huge gap in the production capacity of Low-E glass in China.

The first four chapters of the report make an analysis of Low-E glass advantages, the government support, downstream market and market scale, while the 5th chapter mainly focuses on the operating revenue and businesses of key Low-E glass producers in China.

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