

CORNING

Corning® EAGLE XG® Glass substrates Innovation Timeline

Enabling panel manufacturers to innovate for thinner, lighter, and more environmentally conscious display panels

2006 Product Launch

In Q1 2006, Corning launched EAGLE XG Glass as the first heavy-metal free, thin-film transistor (TFT) liquid crystal display (LCD) glass on the market.

Since its introduction, EAGLE XG Glass has eliminated the equivalent of more than 6,000 truckloads of heavy metals like arsenic, antimony, and barium from entering the environment.

Q1, 2006

EAGLE XG Glass shipped in 0.7 mm thickness

Q2, 2006

EAGLE XG Glass shipped in Gen 6, EAGLE XG Slim Glass shipped in 0.5 mm thickness

Q3, 2006

EAGLE XG Glass shipped in Gen 7.5, enabling up to six 47" TV panels

Q1, 2007: First to Market

EAGLE XG Glass shipped in Gen 8.5, enabling up to six 55" TV panels

Q2, 2007

EAGLE XG Glass substrates were honored with two major industry awards: Advanced Display of the Year (ADY) and Display Component of the Year from the Society for Information Display (SID)

Q3, 2007

EAGLE XG Slim Glass shipped in 0.4 mm thickness, thinner than denim fabric

Q3, 2008: First to Market

EAGLE XG Glass shipped in Gen 10, which is as large as two king-sized beds

Q4, 2010: First to Market

EAGLE XG Slim Glass shipped in 0.3 mm thickness, thinner than a bed sheet

Q1, 2014: First to Market

EAGLE XG Slim Glass shipped in 0.25mm thickness, thinner than a business card

Q4, 2015

Corning announced plans to invest in Gen 10.5 manufacturing facility

Enabling up to six 75" TV panels

Q2, 2018

Corning opened first Gen 10.5 manufacturing facility in Hefei, China, supplying EAGLE XG Glass to Corning customer BOE

Q3, 2019

Corning sold 25 billion square feet of EAGLE XG Glass, if we convert that to 32" glass panels, 25 billion square feet would circle the equator about 145 times

Enough glass to pave the entire Great Wall of China

25x

Enough glass to cover nearly

390,000

football fields

2020 & Beyond

EAGLE XG Glass remains at the heart of Gen 10.5 manufacturing, positioning Corning to capture the fast-growing demand for large-size TVs

EAGLE XG Glass, one of Corning's most successful products of all time