



SCHOTT Xensation™ Cover Glass Delivers Simply Stronger Cover Glass Solution for Touch Screen Devices



- *New, ultra strong touch screen cover glass offers market alternatives for better device protection*

August 16, 2011 (San Jose, CA) – Stronger. Sleeker. More resilient. These qualities define what consumers demand from the latest touch screen devices like smartphones and tablet PCs – and what SCHOTT Xensation™ Cover glass will deliver. Until now, consumers and device manufacturers had few options. The arrival of this touch screen cover glass from the SCHOTT Xensation™ glass family offers a significantly stronger solution to provide tougher, sleeker and more resilient devices.

SCHOTT Xensation™ Cover floated aluminosilicate glass has the hardness and resistance to protect touch screen devices from scratches and breakage. SCHOTT's internal tests of market-ready Xensation™ Cover material show that, with a compressive strength of more than 900 MPa, it offers a significantly higher bending strength and higher ball drop strength test resistance than other products currently available. SCHOTT's real-world simulations test the same material and conditions in the lab as will eventually be used for the manufacturing of consumers' favorite touch screen devices.

SCHOTT is currently in the evaluation phase of Xensation™ Cover glass. Once completed, the company will be able to offer manufacturers a glass that will fit seamlessly into their existing processes. Through its center of excellence, SCHOTT can work with manufacturers to provide expertise and technical support across the entire supply chain, from consulting with the various manufacturing partners to achieve optimal process integration, up to the joint-development of future products with them.

With the latest market research predicting touch screen panels will be increasingly ubiquitous, SCHOTT used its leading technical expertise to develop Xensation™ Cover glass, and its sibling Xensation™ Cover 3D curved-surface glass, as solutions for high-quality cover glass.

Xensation™ Cover 3D floated lithium-alumino-silicate glass has a very low transformation temperature of 505° Celsius for easy and cost-efficient hot forming processes, opening up a multitude of 3-D design options. Thanks to such a low transformation temperature,



SCHOTT can create curved-surface cover glass with high surface quality, for even sleeker gadgets.

“SCHOTT brings together 125 years of glass development and production experience, combined with German engineering know-how, to create high-quality lightweight glass with the strength to protect today’s most interactive technology,” said Andrew Hemingway, Head of the US Xensation™ glass sales team. “We look forward to being able to offer manufacturers, and consumers, a choice in the market for resilient cover glass for their touch screen electronics that will keep their devices safe as well as looking sleek.”

SCHOTT is the only technical glass manufacturer worldwide that offers touch panel glasses for all four types of touch screens: capacitive, resistive, optical and acoustic technologies. The complete Xensation™ glass family—including Xensation™ Touch, Xensation™ Look and Xensation™ Sound glass—is ideal for designers and manufacturers in need of high-performance materials for touch panels solutions.

SCHOTT debuted the Xensation™ product family at the world's largest display technology exhibition, SID Display Week 2011, in Los Angeles, California.

More information on the product spectrum is available here: www.us.schott.com/xensation.



Photo ID 125232: SCHOTT Xensation™ Cover: This new, ultra strong touch screen cover glass by SCHOTT offers market alternatives for better device protection. Photo: SCHOTT



Photo ID 120185: SCHOTT Xensation™ Cover for capacitive touch technologies. SCHOTT Xensation™ Cover is a floated aluminosilicate glass with hardness and resistance to protect touch screen devices from scratches and breakage. Photo: SCHOTT

Download link to a file that contains the photograph in printable quality:
<http://www.schott-pictures.net/presskit/125463.schott-xensation-cover>

About SCHOTT

SCHOTT is an international technology group with more than 125 years of experience in the areas of specialty glasses and materials and advanced technologies. SCHOTT ranks number one in the world with many of its products. Its core markets are the household appliance, solar power, pharmaceuticals, electronics, optics, transportation and architecture industries. The company is strongly committed to contributing to its customers' success and making SCHOTT an important part of people's lives with high-quality products and intelligent solutions. SCHOTT is committed to managing its business in a sustainable manner and supporting its employees, society and the environment. The SCHOTT Group maintains close proximity to its customers with manufacturing and sales units in all major markets. Its workforce of around 17,500 employees generated worldwide sales of approximately 2.9 billion euros for the 2009/2010 fiscal year. SCHOTT AG, with its headquarters in Mainz (Germany) is owned by the Carl Zeiss Foundation.

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