

Background information

From outer space into the kitchen

SCHOTT CERAN® is the result of major innovation

Mainz, 07th September 2009. Since SCHOTT brought the first glass ceramic cooktop to the market in 1971, the CERAN® trademark has developed into a success story which few other products can match. It became the epitome of modern cooking and an indispensable part of the kitchen. More than 90 million SCHOTT CERAN® cooktops have now been sold. Only cooktops with the SCHOTT CERAN® logo are guaranteed to be a real CERAN® cooktop. CERAN® has been a protected trademark for SCHOTT since 1962.

The decisive advantages of the SCHOTT CERAN® cooktop are its small dimensions and the very high resistance to temperatures. The four millimeters thick glass ceramic conducts heat extremely well and can be combined with all types of heat. The cooktop directs the heat energy to the cooking device with very low loss of heat and hardly loses any heat around the sides. In laboratory test conditions the CERAN® cooktop is also very robust and can withstand a 1.8kg cooking pot falling from a height of 40cm without any damage.

SCHOTT CERAN® can thank the permanent developments in glass ceramics for these benefits. In the 1960's SCHOTT identified the unique material properties of Zerodur®, a substance which was originally used in space exploration. The company from Mainz developed the properties of the materials further for use in the kitchen and this is how the first high quality glass ceramic cooktop from SCHOTT, namely CERAN®, was born. These innovation leadership skills still distinguish the company SCHOTT today. Some examples are the CERAN SUPREMA®, the world's first glass ceramic cooktop without the toxic heavy metals arsenic and antimony, or the first transparent cooktop CERAN CLEARTRANS® which offers many design options and individual display opportunities.

“Made in Germany”

SCHOTT has now established itself as a leader in technology and innovation and convinces customers with “Made in Germany” quality. This is the only place where glass is efficiently melted with the most modern tank techniques and processed into glass ceramic. The company sets high environmental standards with this high-tech process and therefore makes an active contribution to environmental protection. Furthermore, SCHOTT is permanently investing in research to optimize technologies even further and to continue to meet customer demands in the future. With its new designs, SCHOTT CERAN® sets new trends in the kitchen industry and offers cooking surfaces in all shapes and sizes. The technological and economical expertise of the SCHOTT group goes hand in hand with a social and ecological responsibility which is mirrored in the state-of-the-art and resource conserving production processes and underlines the company’s role as a world leader and pioneer in glass ceramics.

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SCHOTT is an international technology group that sees its core purpose as the lasting improvement of living and working conditions. To this end, the company has been developing special materials, components and systems for nearly 125 years. The main areas of focus are the household appliances industry, pharmaceuticals, solar energy, electronics, optics and the automotive industry. The SCHOTT Group is present in close proximity to its customers with production and sales companies in all its major markets. The Group’s approximately 17,300 employees generated worldwide sales of approximately 2.2 billion euros for its 2007/2008 fiscal year. The company’s technological and economic expertise is closely linked with its social and ecological responsibility. The parent company of the SCHOTT Group is SCHOTT AG, whose sole shareholder is the Carl-Zeiss-Stiftung (Foundation).