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Address	<b>SGL CARBON GmbH</b> Drachenburgstrasse 1 53170 Bonn
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Country	Germany
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## PRODUCTS OR MACHINERY

Graphite Profiles and Barriers for the Manufacture of Float Glass

Float glass requires consistent high quality, absolute precision, flawless appearance, and the highest purity possible. Our materials and components for the continuous manufacture of large-format float glass are impressive in every respect.

SGL Carbon's portfolio is tailored to meet the demanding requirements and highly specific machinery used by float glass. In view of the high temperature of the tin bath of 1100°C (2000°F), a graphite edge insert is essential. The main reasons for using extruded graphite here are its high corrosion and abrasion resistance.

Our ash-reduced grades such as SIGRAFINE® R7550 have a particularly long service life, which helps keep plant maintenance costs to a minimum.

For more demanding requirements, we supply special impregnations (NOX treatment) that further increase oxidation resistance and consequently the service life of the materials and components.

Our precision components and systems produced from SIGRAFINE fine-grain graphites offer maximum process reliability. Typical examples include ready-to-use profiles and barriers, sometimes in extreme lengths, for tin bath walls. SGRATHERM® soft felts hereby ensure the thermal insulation. This also makes the most of the advantages of extruded graphite in conveying systems, rollers, and scrapers. In the refining section, it is combined with isostatically pressed graphite.

### Company Profile of **SGL CARBON GmbH**

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