



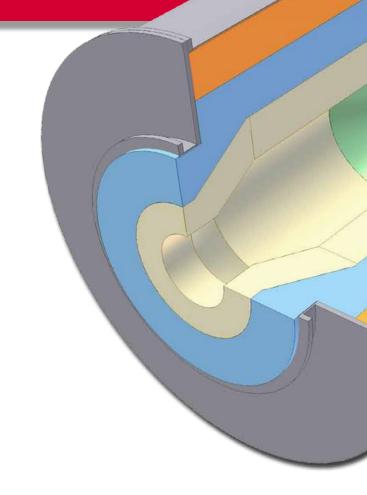
Refractory Systems | Carbon Black Reactor



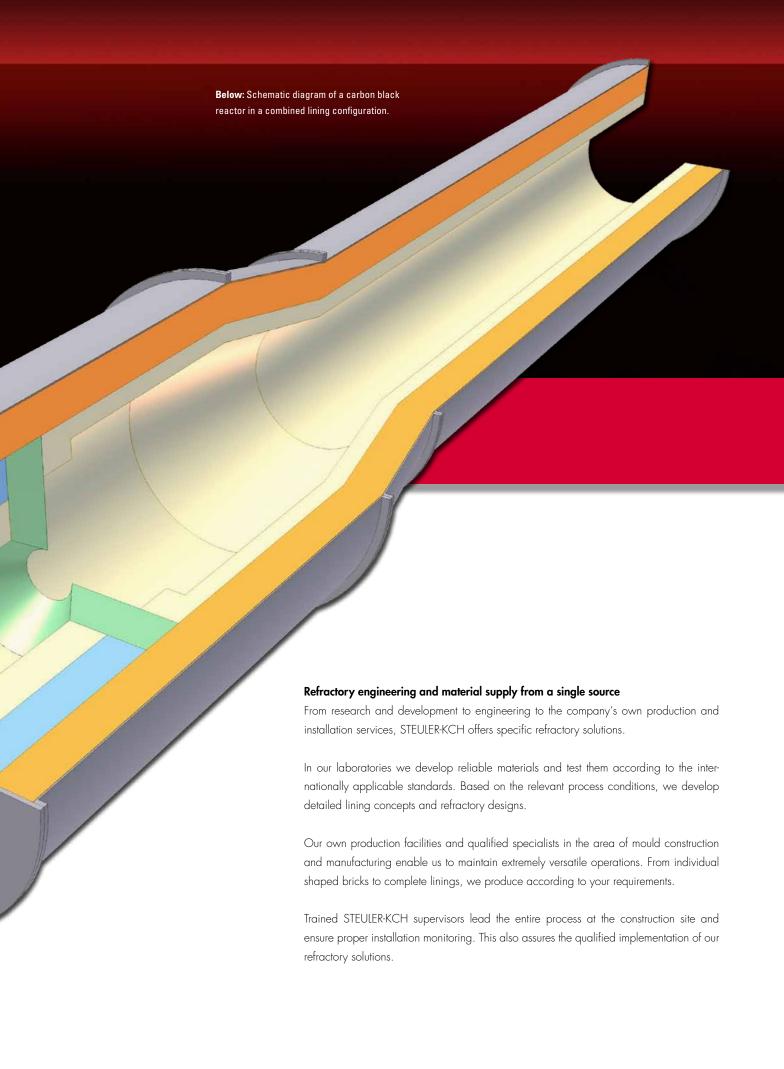
STEULER-KCH as specialist for high-temperature linings for up to 2000 °C

In the production of carbon black, process reactor temperatures of up to 2000°C are reached. This can only be achieved using specially developed high-temperature ceramics. And high temperatures are not the only challenge. Other conditions such as temperature changes, different atmospheres and extreme flow rates with changing pressures subject refractory materials to extremely high stresses. These processes use materials based on corundum and mullite, which have been especially developed to withstand these stresses.

In collaboration with the plant operators, there is continuous optimisation and further development in this area. Special manufacturing processes and the design of special formats - appropriately complemented by standard products - provide a high level of wear protection, thereby extending service life.



STEULER-KCH RUSSREAKTOR 2



3 RUSSREAKTOR STEULER-KCH













SURFACE PROTECTION SYSTEMS

Lining and flooring systems Cements, jointing materials, masonry systems, rubber linings

PLASTICS TECHNOLOGY

Thermoplastic lining systems Equipment, piping and tanks made of duroplastics and thermoplastics

REFRACTORY SYSTEMS

High temperature refractory linings

POOL CONSTRUCTION

STEULER-Q⁷ lining systems





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Focus on Progress