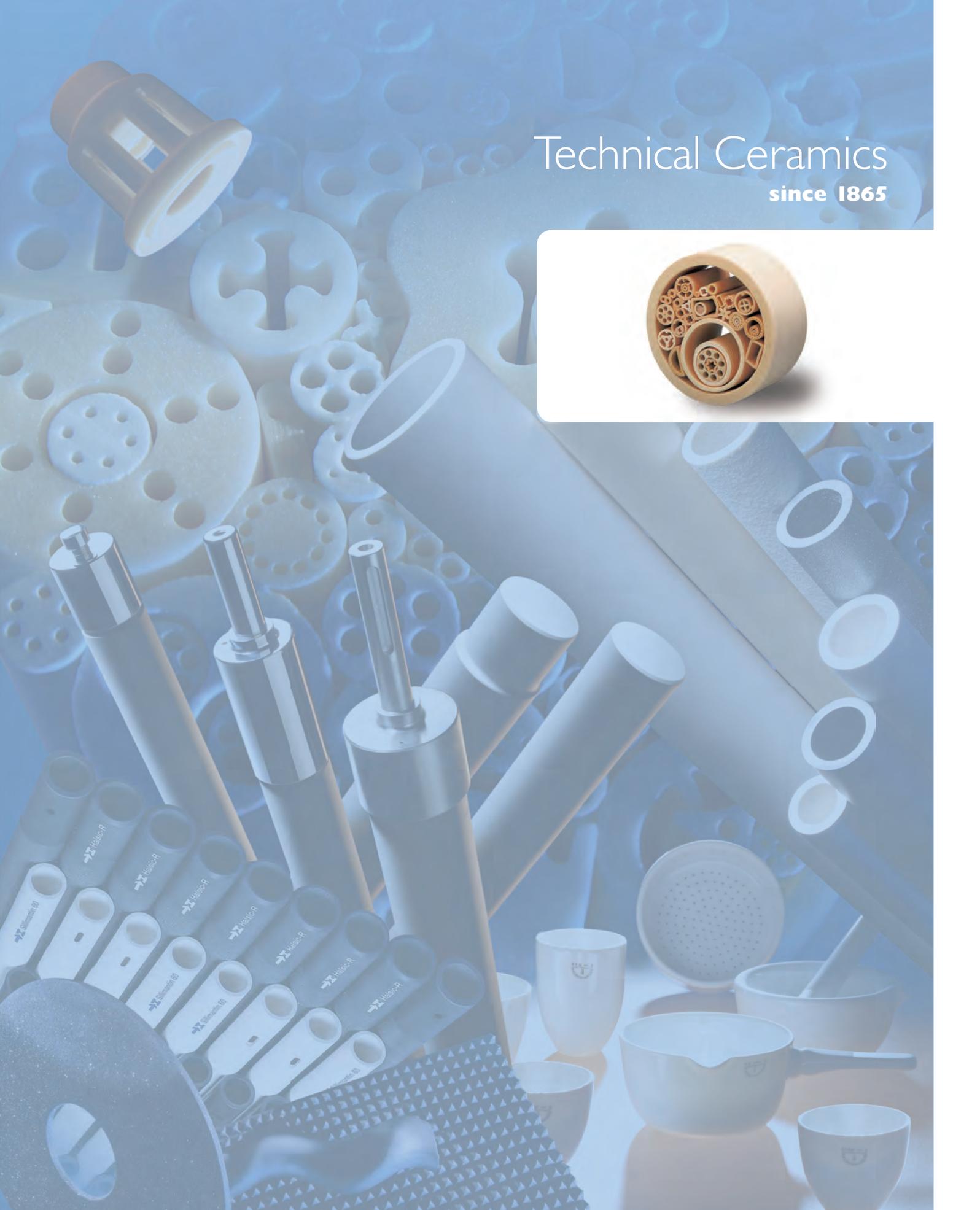


Technical Ceramics

since 1865



150 Years of Haldenwanger

Specialist manufacturer of technical ceramics since 1865

Founded 150 years ago



Wilhelm Haldenwanger founded his eponymous porcelain manufactory in Berlin-Charlottenburg in **1865**. The company began producing porcelain for medical applications, such as apothecary jars and sanitary crockery. Alongside Ernst and Paul March and August Niemann, Wilhelm

Haldenwanger was one of the key figures in the manufacture of technical ceramics in Berlin. In 1868/69, Alfred Bruno Schwarz provided the funding that secured the company's survival.



Production then moved in **1882** from Charlottenburg to Heerstraße, a nearby street in Spandau, which at the time was still an independent town. In the meantime, Alfred Bruno Schwarz had secured all Haldenwanger shares and became the company owner. However, the W. Haldenwanger name was so well known that it was retained. In **1896**, the Haldenwanger company took part in the first Great Industrial Exposition of Berlin. In **1910**, the company began manufacturing ceramic tubes as well.

Rohre aus Masse Sillimantit „R“		Aufweichrohr (Chlorsulfidrohr)	
Länge in mm	Ø	Länge in mm	Ø
100	10	100	10
200	10	200	10
300	10	300	10
400	10	400	10
500	10	500	10
600	10	600	10
700	10	700	10
800	10	800	10
900	10	900	10
1000	10	1000	10
1200	10	1200	10
1500	10	1500	10
2000	10	2000	10
2500	10	2500	10
3000	10	3000	10
3500	10	3500	10
4000	10	4000	10
4500	10	4500	10
5000	10	5000	10
6000	10	6000	10
7000	10	7000	10
8000	10	8000	10
9000	10	9000	10
10000	10	10000	10



A sales office and warehouse were set up in Düsseldorf in **1962** so that the steel industry in the Ruhr in particular could be supplied faster and more closely supported. In addition to the plant in Berlin, another production site in Germany was looked for to expand Haldenwanger's capacity. The ideal conditions were found in Waldkraiburg, Bavaria, with Plant II going into operation there in **1963**.

In **1970**, Plant I in Berlin was relocated to the industrial zone in Berlin-Spandau. Sales subsidiary ETK Export Technische Keramik, Waldkraiburg/Munich was founded a year later to boost exports. In **1985**, Plant III came on line in Waldkraiburg. SiC production began in **1990**. The Waldkraiburg plant was enlarged to separate 'black' SiC production from the remaining 'white' ceramics production, and thus Plant IV was born.

Steel boom and new plants in Waldkraiburg



Starting in **1945**, the factory site in Berlin-Spandau was rebuilt as much of it had been destroyed during World War II. Plant I mainly manufactured ceramics for domestic use in the years immediately following the war due to strong demand. Shortly after that, the Haldenwanger company switched to

technical ceramics again. Haldenwanger grew in the sixties with the boom in the steel industry.



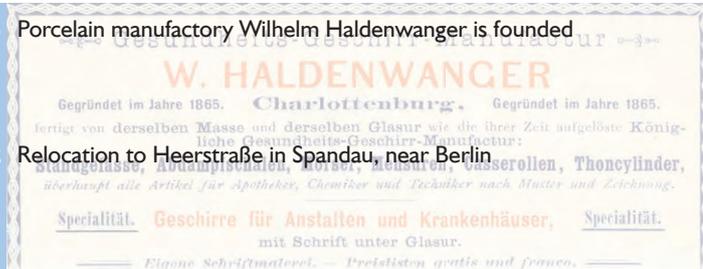


Haldenwanger becomes part of Morgan Technical Ceramics

In **1997**, Haldenwanger was sold by its then shareholders (including Ms Schwekendiek, great-granddaughter of Alfred Bruno Schwarz) to British company Morgan Crucible Company PLC. The Production, Design and Sales units were centralised at the Waldkraiburg site following a restructuring in **2004**.



1865 Porcelain manufactory Wilhelm Haldenwanger is founded



1882 Relocation to Heerstraße in Spandau, near Berlin

1896 First Great Industrial Exposition of Berlin

1910 Production is extended to include the manufacture of tubes

1945 Reconstruction of the destroyed factory site in Berlin-Spandau

1962 Sales office and warehouse in Düsseldorf

1963 Plant II opens in Waldkraiburg

1970 Plant I is moved to the Berlin-Spandau industrial zone

1985 Relocation and expansion of the new Plant III, Waldkraiburg

1990 Start of Halsic-R and Halsic-I production

1997 Member of Morgan Crucible Company PLC, UK

2004 Consolidation of business units at the Waldkraiburg site





Morgan Advanced Materials Haldenwanger has achieved international ISO 9001:2008, ISO 14001:2004 and BS OHSAS 18001:2007 certification.

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