

A cream-coloured chamotte made from a fine-ceramic body granulate with high porosity and purity. The high level of thermal expansion increases the impact of the ceramic body's compressive stress on the glaze which in turn reduces sensitivity to hairline cracks. The tailor-made chamotte is suitable for applications in complex casting of stove tiles.

CHAMOTTE GSW-spezial

Chemical analysis [%]	SiO ₂	85,1
	Al ₂ O ₃	12,0
	TiO ₂	1,00
	Fe ₂ O ₃	0,79
	CaO	0,07
	MgO	0,21
	K ₂ O	0,74
	Na ₂ O	0,03
Water absorption [%]		14,8
Coefficient of expansion *pre fired 1070°C α [x10 ⁻⁶ K ⁻¹]	20-200°C	8,5
	20-500°C	10,0
	20-600°C	13,4
Firing colour		white

Available: • ground in the range < 30 mm up to < 63 µm • also fractional

* Pre fired in laboratory kiln