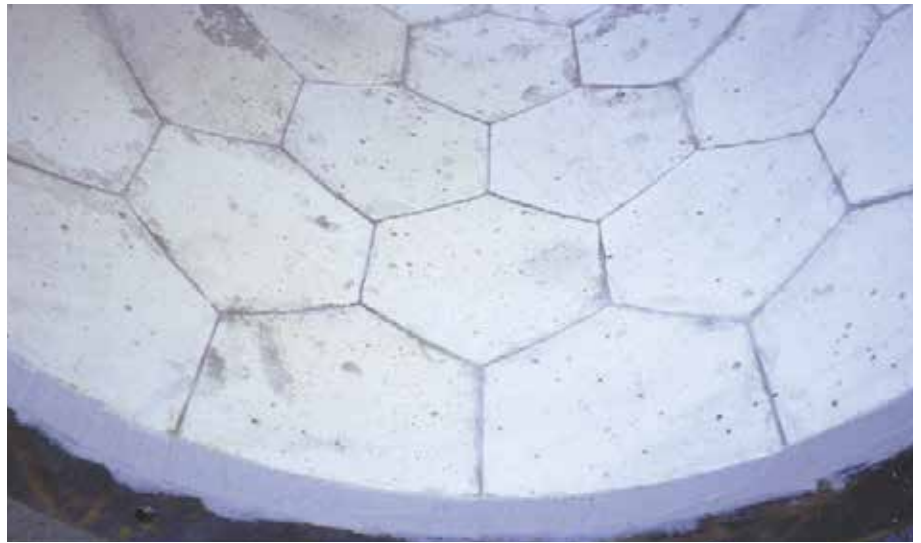


# TG ALUMINA 200

# TECNODESGAST


Tecnología del desgaste

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## FUSED ALUMINA 200

Product with high abrasion resistance, available as: milling balls, tiles of thicknesses from 1.5mm upwards. Shaped or tubular parts. Sintered alumina is a versatile, durable product that can be used with both adhesives and welding depending on working conditions.

Standard TILES		With hole		Hexagonal
Dimensions (mm)	Thickness (mm)	Dimensions (mm)	Thickness (mm)	
200 x 100 200 x 200 250 x 250 300 x 300	22, 30, 40 y 50	200 x 100 200 x 200 250 x 250	30	 <p>O/200 Thickness (30 mm)</p>

On demand: radial tiles and tiles for industrial floors with different non-slip surface designs.

Due to their high hardness, the castings are used in extremely high abrasive stress conditions, such as pneumatic conveying of fly ash, silica sand, limestone, biomass, etc. Especially exposed places: pipe elbows and castings (reducing, T, Y) is, with regard to longer life in lining separators, chutes, redlers, mixers, cyclones, etc.

Technical Data						Analysis - average		
Hardness (medium)	Density gr/cm <sup>3</sup>	Abrasion resistance	Conductivity	Thermal expansion	Work Temperature	Al <sub>2</sub> O <sub>3</sub>	Zr O <sub>2</sub>	Si O <sub>2</sub>
2000 Vickers	3,5	0,75-1 cm <sup>3</sup> / 50 cm <sup>2</sup> (max.) (DIN 52108)	4,4 W/m.K	8 / x 10 K <sup>-6 -1</sup> (0-400°C)	1400 °C (max.)	50%	32%	16%

