Product specification

Trade name:	**Iron-silicate stone**
Basis:	DIN 4301
Mineralogy:	Uniform mineralogical composition, production-related made of about 95% olivine (fayalite). Remainder: magnetite and secondary sulphide ore phase and rock glass
Structure:	Coarse crystalline, dense
Color:	Anthracite
Chemism:	Iron-silicate about 90 weight-% Fe_2O_3+SiO_2 about 5-7 weight-% Al_2O_3, MgO+CaO+Na_2O+K_2O Remainder: traces of other, mainly oxide and sulphide bound elements
Long-term behaviour:	Very resistant
Special properties:	■ High dry bulk density ■ High stability ■ Very good weathering and long-term resistance ■ Favourable grain form, optimal surface coarseness ■ The high welding rate of the mineral phases produces the excellent material technological properties
Origin:	Aurubis AG, Hamburg
Production/distribution:	Peute Baustoff GmbH, Hamburg

Quality management

▪ **Quality supervisor:**	Dipl.-Ing. Thomas Zantz
▪ **Quality control:**	Quality control is performed in accordance with the requirements of existing directives and as part of the works' production control (WPK). The chemical parameters are continuously monitored by authorised analytical laboratories.