

## Comments on the product information

All values were determined according to the respective installation method. The values refer to the bulk density stated. As SiC- and C-containing products are concerned, the physical data were determined after firing in reducing atmosphere.

**Mixing liquid:** In case of water only drinking water shall be used. The consistency of the product can be adjusted within the given range of mixing water.

**Nature of bond:** Assignment according to ISO 1927-1. Possible bonding systems: Ceramic bond, hydraulic bond, chemical bond (inorganic or organic-inorganic) or organic bond. If several bonding systems are used conjointly, the most characteristic bond is chosen.

**Permanent linear change:** Determined following ISO 1927-6.

**Chemical analysis:** Determined following ISO 1927-3.

**Maximum recommended service temperature:** This figure is valid for temperature exposure on one face of the lining and for neutral atmosphere. (Reducing atmosphere for products with a high SiC- or C-content.) Temperature exposure on more than one face, mechanical stress and / or contact with a corrosive medium can decrease the maximum service temperature.

**Cold modulus of rupture – cold crushing strength:** Determined following ISO 1927-6.

**Storage life:** Begins with the production date. The stated figure is valid for storage under cool, dry and frost-free conditions. For more details about correct storage of our products see the respective installation instructions.

**Material required:** The figure is valid for the material as delivered. In case of REFRAJET®, REFRA SPECIAL® and REFRAJETCRETE® products a rebound loss for standard conditions is included. Gunning of thin layers or overhead gunning however can increase the material requirement.

**Maximum grain size:** Determined following ISO 1927-3.

**Apparent porosity:** Determined following ISO 1927-6.

**Bulk density:** Determined following ISO 1927-6.

**Installation method:** In some cases, Refratechnik products can be installed by different installation methods. For every installation method, a separate data sheet is available. The values on this data sheet only refer to the respective installation method.

**Main raw material:** The main raw material used and/or raw materials contributing specific properties.

**Thermal conductivity:** These figures are used for heat-transfer-calculation. The figures are based on measurements, taking into account experience made in practise.

**Erosion loss:** Determined following EN ISO 16282:2008