

Technical data sheet

270 944 – Stain

Solutions for Structural Ceramics

Color shade	Intensive red
Use	Glazes
Application	Miscible with other inclusion pigments and zircon stains. Suitable for glazes containing Pb, Ca, B and Zn. Less suitable for glazes rich in alkali. Inclusion pigment! Not to be milled with the glaze. Add after 95% of the milling time. Dispersible.
Storage	Stains should be stored in a dry place. Partly used tins must be tightly sealed after use.
Environment	Waste material treatment, environmental health and safety protection has to follow the local regulations and legislation.

Chemical Characterisation

System	ZrSiCdSeS
Crystal structure	Zircon

Physical Characterisation

Color Measurement [CIELAB, D65, 10°]	dE <1,0
Grain size [µm]	D50: ~ 6 D90: ~ 18
Sieve residue	32 µm <2 % - - µm - - % - - µm - - %

Firing condition

Firing temperature [°C]	Up to 1250°C
Atmosphere	oxidising

Comment * - -

Limitation of Warranty and Liability

Vibrantz believes that the information contained in this document is accurate at the time of its publication. Vibrantz makes no warranty with respect to the information contained in this document. The information in this document is not a product specification, either in whole or in part. Your use of the information contained in this document and your purchase and use of this Vibrantz product are at your sole discretion. Downstream users are responsible for determination of the suitability of this product and for testing in specific applications. Nothing in this document shall be construed as a license for use that infringes upon any property rights of any third party. Please refer to the Safety Data Sheet (SDS) for safe use, handling and disposal information. All sales by Vibrantz to you are subject to Vibrantz's Terms and Conditions of Sale, as amended from time to time and available at www.vibrantz.com. In the event this document conflicts with Vibrantz's Terms and Conditions of Sale, Vibrantz's Terms and Conditions of Sale shall control.