



Ceramic glazes made from 100% industrial waste.

Ferzom Ceramics is a ceramic materials design and research collective comprised of chemical and thermal engineers and ceramic designers from the VSB Technical University of Ostrava. With a commitment to supporting the ceramic industry's transition to a more circular economy, we target high-volume waste streams within Europe to produce 100% waste-based glazes tailored to ceramic tile production.

The glazes for these tiles are made with waste materials including waste glass at Schott, a leading manufacturer of technical glass for applications such as satellite lenses and microscopes, metal slag and mill scale from the production of steel at Liberty Steel, one of Europe's largest steel producers, waste from the processing of kaolin for the production of porcelain from Thun, the Czech Republic's largest porcelain tableware manufacturer, refractory brick waste used in furnaces and kilns, cement and brick from demolition and construction projects, sanitary ware waste, recycled glassware, and for this exhibition, dust found in the tracks of the London Underground.

Supported by:

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- CirkArena, a planned circular economy R&D Centre with a focus on research of industrial waste, biowaste and construction waste of the Moravian-Silesian Region of the Czech Republic.

Instagram: [Ferzomceramics](#)

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VSB TECHNICAL UNIVERSITY OF OSTRAVA | FACULTY OF MATERIALS SCIENCE AND TECHNOLOGY

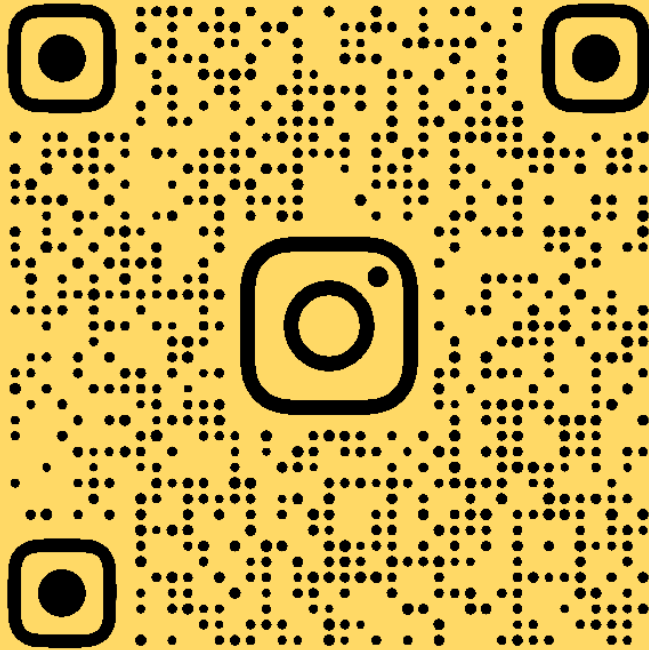


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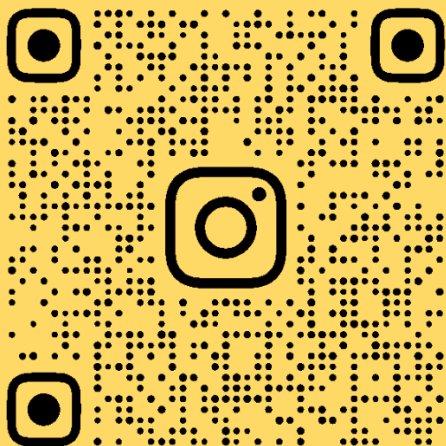
Materiálový a metalurgický výzkum





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