



Workability of traditional monumental stones – relationship between petrographic, rock fabric, geomechanical and technological parameters

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Workability of rocks is conventionally assessed for technical purposes like tunnelling, underground space excavation etc. This study focuses on the workability assessment by quantitative petrographic analysis, geomechanical testing and technological evaluation of common building stone. The study was conducted on a set of commercially available sandstones and marlstones that belong to the traditional monumental stones used in the Czech Republic for about 10 centuries.